**LAMPIRAN**

1. **Listing Program**
2. **Home.php**

<h1 class="my-4">Cara Kerja<small> RC4</small></h1>

<div class="row">

<div class="col-md-7">

<a href="#">

<img class="img-fluid rounded mb-3 mb-md-0" src="images/700x300.png" alt="">

</a>

</div>

<div class="col-md-5">

<h3>Sejarah RC4</h3>

<p align="justify">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;Menurut Dony Ariyus (2008:250). RC4 merupakan jenis aliran kode yang berarti operasi enkripsinya dilakukan per karakter 1 byte untuk sekali operasi. Algoritma kriptografi Rivest Code 4 (RC4) merupakan salah satu algoritma kunci simetris dibuat oleh RSA Data Security Inc (RSADSI) yang berbentuk stream chipper. Algoritma ini ditemukan pada tahun 1987 oleh Ronald Rivest dan menjadi simbol keamanan RSA (merupakan singkatan dari tiga nama penemu : Rivest, Shamir, dan Adleman).</p>

<a class="btn btn-primary" href="json-leng-<?php echo $result ?>.mu">Lanjutkan...</a>

</div>

</div>

<hr>

<!-- Pagination -->

<ul class="pagination justify-content-center">

<br>

</ul>

1. **Index.php**

<?php

//include "app/config.php";

include "app/detect.php";

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<meta name="description" content="">

<meta name="author" content="">

<title>Logika RC4</title>

<!-- Bootstrap core CSS -->

<link href="vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">

<!-- Custom styles for this template -->

<link href="css/1-col-portfolio.css" rel="stylesheet">

<!-- Temporary navbar container fix -->

<style>

.navbar-toggler {

z-index: 1;

}

@media (max-width: 576px) {

nav > .container {

width: 100%;

}

}

</style>

</head>

<body>

<!-- Navigation -->

<nav class="navbar fixed-top navbar-toggleable-md navbar-inverse bg-inverse">

<button class="navbar-toggler navbar-toggler-right" type="button" data-toggle="collapse" data-target="#navbarExample" aria-controls="navbarExample" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon" ></span>

</button>

<div class="container" style="background-color:#e21e4c;">

<a class="navbar-brand" href="#">Pengaman Basis Data Dengan RC4</a>

<div class="collapse navbar-collapse" id="navbarExample">

<ul class="navbar-nav ml-auto">

<li class="nav-item active">

<a class="nav-link" href="rivests-cipher-<?php echo $result ?>.mu">Home<span class="sr-only">(current)</span></a>

</li>

<li class="nav-item active">

<a class="nav-link" href="json-about-<?php echo $result ?>.mu">About</a>

</li>

<li class="nav-item active">

<a class="nav-link" href="json-enkripsi-<?php echo $result ?>.mu">Enkripsi</a>

</li>

<li class="nav-item active">

<a class="nav-link" href="json-deskripsi-<?php echo $result ?>.mu">Dekripsi</a>

</li>

</ul>

</div>

</div>

</nav>

<!-- Page Content -->

<div class="container" >

<?php

if ($\_GET[page]=='') { include "home.php";

}elseif ($\_GET[page]=='about-json') { include "pages/about.php";

}elseif ($\_GET[page]=='leng-json') { include "pages/leng\_isi.php";

}elseif ($\_GET[page]=='enkripsi-json') { include "pages/enkripsi.php";

}elseif ($\_GET[page]=='deskripsi-json') { include "pages/deskripsi.php";

}elseif ($\_GET[page]=='deskrip-json') { include "pages/deskrip.php";

}elseif ($\_GET[page]=='enkrip-json') { include "pages/enkrip.php";

}elseif ($\_GET[page]=='simpan-json') { include "pages/simpan.php";

}elseif ($\_GET[page]=='simpann-json') { include "pages/simpann.php";

}

?>

<!-- /.row -->

</div>

<!-- /.container -->

<!-- Footer -->

<!-- Bootstrap core JavaScript -->

<script src="vendor/jquery/jquery.min.js"></script>

<script src="vendor/tether/tether.min.js"></script>

<script src="vendor/bootstrap/js/bootstrap.min.js"></script>

</body>

</html>

1. **Config.php**

<?php

$server = "localhost";

$username = "root";

$password = "";

$database = "db\_rc4";

mysql\_connect($server,$username,$password) or die ("Gagal");

mysql\_select\_db($database) or die ("Database tidak ditemukan");

function anti\_injection($data){

$filter = mysql\_real\_escape\_string(stripslashes(strip\_tags(htmlspecialchars($data,ENT\_QUOTES))));

return $filter;

}

function autolink ($str){

$str = eregi\_replace("([[:space:]])((f|ht)tps?:\/\/[a-z0-9~#%@\&:=?+\/\.,\_-]+[a-z0-9~#%@\&=?+\/\_.;-]+)", "\\1<a href=\"\\2\" target=\"\_blank\">\\2</a>", $str); //http

$str = eregi\_replace("([[:space:]])(www\.[a-z0-9~#%@\&:=?+\/\.,\_-]+[a-z0-9~#%@\&=?+\/\_.;-]+)", "\\1<a href=\"http://\\2\" target=\"\_blank\">\\2</a>", $str); // www.

$str = eregi\_replace("([[:space:]])([\_\.0-9a-z-]+@([0-9a-z][0-9a-z-]+\.)+[a-z]{2,3})","\\1<a href=\"mailto:\\2\">\\2</a>", $str); // mail

$str = eregi\_replace("^((f|ht)tp:\/\/[a-z0-9~#%@\&:=?+\/\.,\_-]+[a-z0-9~#%@\&=?+\/\_.;-]+)", "<a href=\"\\1\" target=\"\_blank\">\\1</a>", $str); //http

$str = eregi\_replace("^(www\.[a-z0-9~#%@\&:=?+\/\.,\_-]+[a-z0-9~#%@\&=?+\/\_.;-]+)", "<a href=\"http://\\1\" target=\"\_blank\">\\1</a>", $str); // www.

$str = eregi\_replace("^([\_\.0-9a-z-]+@([0-9a-z][0-9a-z-]+\.)+[a-z]{2,3})","<a href=\"mailto:\\1\">\\1</a>", $str); // mail

return $str;

}

?>

1. **Contac.php**

<?php

/\*

\* A Design by W3layouts

Author: W3layouts

Author URL: http://w3layouts.com

License: Creative Commons Attribution 3.0 Unported

License URL: http://creativecommons.org/licenses/by/3.0/

\*

\*/

$userName=$\_REQUEST['userName'];

$userEmail=$\_REQUEST['userEmail'];

$userPhone=$\_REQUEST['userPhone'];

$userMsg=$\_REQUEST['userMsg'];

$subject = "Message from ".$userName;

$message = '<html><head><title>'.$subject.'</title></head><body><table><tr><td>Email id : </td><td> '.$userEmail.'</td></tr>

<tr><td>Phone No : </td><td> '.$userPhone.'</td></tr><tr><td>Name : </td><td> '.$userName.'</td></tr><tr><td>Says : </td><td> '.$userMsg.'</td>

</tr></table></body></html>';

//$message = "Email id : ".$userEmail. "\r\nPhone No : ".$userPhone."\r\nName : ".$userName."\r\nSays : ".$userMsg;

$to=$email\_id;

$headers = "From: " . strip\_tags($userEmail) . "\r\n";

$headers .= "Reply-To: ". strip\_tags($userEmail) . "\r\n";

//$headers .= "CC: susan@example.com\r\n";

$headers .= "MIME-Version: 1.0\r\n";

$headers .= "Content-Type: text/html; charset=ISO-8859-1\r\n";

if(!mail($to, $subject, $message, $headers)){

$mail\_status='no';

header("Location: contact.html");

exit();

}else{

$mail\_status='yes';

header("Location: contact.html");

exit();

} ?>

1. **Detect.php**

<?php

error\_reporting(0);

$userBrowser = $\_SERVER['HTTP\_ACCEPT'];

if(stristr($userBrowser, 'application/vnd.wap.xhtml+xml'))

{

$\_REQUEST['wap2'] = 1;

}

elseif(stripos($\_SERVER['HTTP\_USER\_AGENT'],"iPod"))

{

$\_REQUEST['iphone'] = 1;

}

elseif(stripos($\_SERVER['HTTP\_USER\_AGENT'],"iPhone"))

{

$\_REQUEST['iphone'] = 1;

}

elseif(stripos($\_SERVER['HTTP\_USER\_AGENT'],"Android"))

{

$\_REQUEST['Android'] = 1;

}

elseif(stripos($\_SERVER['HTTP\_USER\_AGENT'],"IEMobile"))

{

$\_REQUEST['IEMobile'] = 1;

}

elseif(stristr($userBrowser, 'DoCoMo/' || 'portalmmm/'))

{

$\_REQUEST['imode'] = 1;

}

elseif(stristr($userBrowser, 'text/vnd.wap.wml'))

{

$\_REQUEST['wap'] = 1;

}

elseif(stristr($userBrowser, 'text/html'))

{

$\_REQUEST['html'] = 1;

}

if(!defined('WAP'))

define('WAP', isset($\_REQUEST['wap']) || isset($\_REQUEST['wap2']) || isset($\_REQUEST['imode'])|| isset($\_REQUEST['html'])|| isset($\_REQUEST['Android'])|| isset($\_REQUEST['iphone'])|| isset($\_REQUEST['IEMobile']));

if (WAP)

{

define('WIRELESS\_PROTOCOL', isset($\_REQUEST['wap']) ? 'wap' : (isset($\_REQUEST['wap2']) ? 'wap2' : (isset($\_REQUEST['iphone']) ? 'iphone' : (isset($\_REQUEST['imode']) ? 'imode' : (isset($\_REQUEST['IEMobile']) ? 'IEMobile' :(isset($\_REQUEST['html']) ? 'html' : (isset($\_REQUEST['Android']) ? 'Android' : '')))))));

if (WIRELESS\_PROTOCOL == 'wap')

{

$browser\_t = "mobile";

}

elseif (WIRELESS\_PROTOCOL == 'wap2')

{

$browser\_t = "mobile";

}

elseif (WIRELESS\_PROTOCOL == 'imode')

{

$browser\_t = "mobile";

}

elseif (WIRELESS\_PROTOCOL == 'iphone')

{

$browser\_t = "smartphone";

}

elseif (WIRELESS\_PROTOCOL == 'Android')

{

$browser\_t = "smartphone";

}

elseif (WIRELESS\_PROTOCOL == 'IEMobile')

{

$browser\_t = "smartphone";

}

elseif (WIRELESS\_PROTOCOL == 'html')

{

$mobile\_browser = '0';

if(preg\_match('/(up.browser|up.link|mmp|symbian|smartphone|midp|wap|phone)/i',

strtolower($\_SERVER['HTTP\_USER\_AGENT']))){

$mobile\_browser++;

}

if((strpos(strtolower($\_SERVER['HTTP\_ACCEPT']),'application/vnd.wap.xhtml+xml')>0) or

((isset($\_SERVER['HTTP\_X\_WAP\_PROFILE']) or isset($\_SERVER['HTTP\_PROFILE'])))){

$mobile\_browser++;

}

$mobile\_ua = strtolower(substr($\_SERVER['HTTP\_USER\_AGENT'],0,4));

$mobile\_agents = array(

'w3c ','acs-','alav','alca','amoi','audi','avan','benq','bird','blac',

'blaz','brew','cell','cldc','cmd-','dang','doco','eric','hipt','inno',

'ipaq','java','jigs','kddi','keji','leno','lg-c','lg-d','lg-g','lge-',

'maui','maxo','midp','mits','mmef','mobi','mot-','moto','mwbp','nec-',

'newt','noki','oper','palm','pana','pant','phil','play','port','prox',

'qwap','sage','sams','sany','sch-','sec-','send','seri','sgh-','shar',

'sie-','siem','smal','smar','sony','sph-','symb','t-mo','teli','tim-',

'tosh','tsm-','upg1','upsi','vk-v','voda','wap-','wapa','wapi','wapp',

'wapr','webc','winw','winw','xda','xda-');

if(in\_array($mobile\_ua,$mobile\_agents)){

$mobile\_browser++;

}

if (strpos(strtolower($\_SERVER['ALL\_HTTP']),'OperaMini')>1) {

$mobile\_browser++;

}

if (strpos(strtolower($\_SERVER['HTTP\_USER\_AGENT']),'iemobile')>0) {

$mobile\_browser++;

}

if (strpos(strtolower($\_SERVER['HTTP\_USER\_AGENT']),'windows')>0) {

$mobile\_browser=0;

}

if($mobile\_browser>0){

// do something wap

$browser\_t = "mobile";

}

// non-mobile

else

{

$\_SESSION['Browser\_d'] = "web";

$browser\_t = "web";

}

} else {

// do something else html

$\_SESSION['Browser\_d'] = "web";

$browser\_t = "web";

}

}

else

{

$mobile\_browser = '0';

if(preg\_match('/(up.browser|up.link|mmp|symbian|smartphone|midp|wap|phone)/i',

strtolower($\_SERVER['HTTP\_USER\_AGENT']))){

$mobile\_browser++;

}

if((strpos(strtolower($\_SERVER['HTTP\_ACCEPT']),'application/vnd.wap.xhtml+xml')>0) or

((isset($\_SERVER['HTTP\_X\_WAP\_PROFILE']) or isset($\_SERVER['HTTP\_PROFILE'])))){

$mobile\_browser++;

}

$mobile\_ua = strtolower(substr($\_SERVER['HTTP\_USER\_AGENT'],0,4));

$mobile\_agents = array(

'w3c ','acs-','alav','alca','amoi','audi','avan','benq','bird','blac',

'blaz','brew','cell','cldc','cmd-','dang','doco','eric','hipt','inno',

'ipaq','java','jigs','kddi','keji','leno','lg-c','lg-d','lg-g','lge-',

'maui','maxo','midp','mits','mmef','mobi','mot-','moto','mwbp','nec-',

'newt','noki','oper','palm','pana','pant','phil','play','port','prox',

'qwap','sage','sams','sany','sch-','sec-','send','seri','sgh-','shar',

'sie-','siem','smal','smar','sony','sph-','symb','t-mo','teli','tim-',

'tosh','tsm-','upg1','upsi','vk-v','voda','wap-','wapa','wapi','wapp',

'wapr','webc','winw','winw','xda','xda-');

if(in\_array($mobile\_ua,$mobile\_agents)){

$mobile\_browser++;

}

if (strpos(strtolower($\_SERVER['HTTP\_USER\_AGENT']),'iemobile')>0) {

$mobile\_browser++;

}

if (strpos(strtolower($\_SERVER['ALL\_HTTP']),'OperaMini')>0) {

$mobile\_browser++;

}

if (strpos(strtolower($\_SERVER['HTTP\_USER\_AGENT']),'windows')>0) {

$mobile\_browser=0;

}

if($mobile\_browser>0){

// do something wap

$browser\_t = "mobile";

}

// non-mobile

else

{

$\_SESSION['Browser\_d'] = "web";

$browser\_t = "web";

}

}

$text = '123456-jklmno-pqrstu-vwxyz-10987654-3MNO-KLPQRSTUFGHIJ-ABCDEabcd-efghi-123457-8901';

$panj = 62;

$txtl = strlen($text)-1;

$result = '';

for($i=1; $i<=$panj; $i++){

$result .= $text[rand(0, $txtl)];

}

?>

1. **Form Input Enkripsi**

<br/>

<br/>

<h5>ENKRIPSI DATA</h5>

<br/>

<form role="form" method="post" action="json-enkrip-<?php echo $result ?>.mu" enctype="multipart/form-data">

<div class="form-group input-control file">

<label><b>Masukan File Plaintext Anda (.sql)</b></label>

<input class="form-control input-lg" type="file" name="teks" accept=".sql" required="required"/>

</div>

<div class="form-group">

<label><b>Masukan Kunci</b></label>

<input class="form-control" type="text" name="kcenkripsi" required="required">

</div>

<div class="form-group">

<input type="submit" value="Enkripsi" class="btn btn-primary" />

</div>

</form>

1. **Form Output Enkripsi**

<?php

error\_reporting(0);

$eks = array('.sql');

$ekst = strrchr($\_FILES['teks']['name'],'.');

$kunci = $\_POST['kcenkripsi'];

if(!in\_array($ekst,$eks)) {

echo "<script>alert('Masukkan File .sql!');location.replace('json-enkripsi-$result.mu');</script>";

//echo $ekst;

}

if ($\_FILES['teks']['error'] == UPLOAD\_ERR\_OK && is\_uploaded\_file($\_FILES['teks']['tmp\_name'])) { //checks that file is uploaded

$kalimat = file\_get\_contents($\_FILES['teks']['tmp\_name']);

}

$waktu = $kunci. $kalimat;

//$m=strlen($kalimat);

for($qt=0;$qt<strlen($waktu);$qt = $qt + 0.001){

$tt = 0.001; // disini dapat dilihat a = 0.1

if ($qt >= 256) // namun jika qt besar atau sama dengan 5

{

$tt = 2; // percepatannya berubah menjadi 2

}

$qq = Vo \* $qt + $tt \* $qt \* $qt / 2;

}

?>

<form role='form' method='post' action='json-simpann-<?php echo $result ?>.mu'>

<div class='form-group input-control file'>

<label><b>Plain Text</b></label>

<textarea class='form-control input-lg' name='plain'><?php echo $kalimat ?></textarea>

</div>

<div class='form-group'>

<label><b>Key</b></label>

<input class='form-control input-lg' type='text' name='kcenkripsi' value='<?php echo $kunci ?>' />

</div>

<?php

function setupkey(){ /\*proses pengacakan kunci SBox\*/

for($i=0;$i<strlen($kunci);$i++){

$key[$i]=ord($kunci[$i]); } /\*rubah ASCII ke desimal\*/

global $m;

$m=array();

/\*buat encrypt\*/

for($i=0;$i<256;$i++){

$m[$i] = $i; }

$j = $k =0;

for($i=0;$i<256;$i++){

$a = $m[$i];

$j = ($j + $m[$i] + $key[$k]) % 256;

$m[$i] = $m[$j];

$m[$j] = $a;

$k++;

if($k>15){

$k=0;

}

}

} /\*akhir function\*/

function crypt2($inp){

global $m;

$x=0;$y=0;

$bb='';

$x = ($x+1) % 256;

$a = $m[$x];

$y = ($y+$a) % 256;

$m[$x] = $b = $m[$y];

$m[$y] = $a;

/\*proses XOR antara plaintext dengan kunci

dengan $inp sebagai plaintext

dan $m sebagai kunci\*/

$bb = ($inp^$m[($a+$b) % 256]) % 256;

return $bb;

}

setupkey();

for($i=0;$i<strlen($kalimat);$i++){

$kode[$i]=ord($kalimat[$i]); /\*rubah ASCII ke desimal\*/

$b[$i]=crypt2($kode[$i]); /\*proses enkripsi RC4\*/

$c[$i]=chr($b[$i]); /\*rubah desimal ke ASCII\*/

}

?>

<div class='form-group'>

<label><b>Cipher Text:</b></label>

<textarea class='form-control' style='height:500px;' name='cipher'>

<?php

for($i=0;$i<strlen($kalimat);$i++){

echo $c[$i]; }

?>

</textarea>

</div>

<div class='form-group'>

<label><b>Waktu Kecepatan Encrypsi data RC4</b></label>

<input class='form-control input-lg' type='text' name='kcenkripsi' value='<?php echo $qq ?> / Detik(s)'/>

</div>

<div class='form-group'>

<label><b>Nama File</b></label>

<input class='form-control input-lg' type='text' name='nama' required='required'/>

</div>

<div class='form-group'>

<input type='submit' value='Simpan' class='btn btn-primary' />

</div>

</form>

1. **Form Input Dekripsi**

<br/>

<br/>

<h5>DEKRIPSI DATA</h5>

<br/><br />

<form role="form" method="post" action="json-deskrip-<?php echo $result ?>.mu" enctype="multipart/form-data">

<div class="form-group input-control file">

<label><b>Masukan File Ciphertext Anda (.sql)</b></label>

<input class="form-control input-lg" name="teks" type="file" accept=".sql" required="required"/>

</div>

<div class="form-group">

<label><b>Masukan Kunci</b></label>

<input class="form-control" type="text" name="kcdekripsi" required="required" >

</div>

<div class="form-group">

<input type="submit" value="Dekripsi" class="btn btn-primary" />

</div>

</form>

1. **Form Output Dekripsi**

<?php

error\_reporting(0);

$eks = array('.sql');

$ekst = strrchr($\_FILES['teks']['name'],'.');

$kunci = $\_POST['kcenkripsi'];

if(!in\_array($ekst,$eks)) {

echo "<script>alert('Masukkan File .sql!');location.replace('json-deskripsi-$result.mu');</script>";

//echo $ekst;

}

if ($\_FILES['teks']['error'] == UPLOAD\_ERR\_OK && is\_uploaded\_file($\_FILES['teks']['tmp\_name'])) { //checks that file is uploaded

$kalimat = file\_get\_contents($\_FILES['teks']['tmp\_name']);

}

$wkt = $kunci. $kalimat;

//$beyt=strlen($kalimat);

for($t=0;$t<strlen($wkt);$t = $t + 0.001){

$j = 0.001; // disini dapat dilihat a = 0.1

if ($t >= 256) // namun jika t besar atau sama dengan 5

{

$j = 2; // percepatannya berubah menjadi 2

}

$x = Vo \* $t + $j \* $t \* $t / 2;

}

echo"<br/>";

echo"<br/>";

echo"<form role='form' method='post' action='json-simpan-$result.mu'>";

function setupkey(){ /\*proses pengacakan kunci SBox\*/

for($i=0;$i<strlen($kunci);$i++){

$key[$i]=ord($kunci[$i]); /\*rubah ASCII ke desimal\*/

}

global $mm;

$mm=array();

/\*buat decrypt\*/

for($i=0;$i<256;$i++){

$mm[$i] = $i;

}

$j = $k =0;

for($i=0;$i<256;$i++){

$a = $mm[$i];

$j = ($j + $mm[$i] + $key[$k]) % 256;

$mm[$i] = $mm[$j];

$mm[$j] = $a;

$k++;

if($k>15){

$k=0;

}

}

} /\*akhir function\*/

function decrypt2($inp){

global $mm;

$xx=0;$yy=0;

$bb='';

$xx = ($xx+1) % 256;

$a = $mm[$xx];

$yy = ($yy+$a) % 256;

$mm[$xx] = $b = $mm[$yy];

$mm[$yy] = $a;

/\*proses XOR antara plaintext dengan kunci

dengan $inp sebagai plaintext

dan $m sebagai kunci\*/

$bb = ($inp^$mm[($a+$b) % 256]) % 256;

return $bb;

}

setupkey();

for($i=0;$i<strlen($kalimat);$i++){

$b[$i]=ord($kalimat[$i]); /\*rubah ASCII ke desimal\*/

$d[$i]=decrypt2($b[$i]); /\*proses enkripsi RC4\*/

$c[$i]=chr($d[$i]); /\*rubah desimal ke ASCII\*/

}

echo"<div class='form-group'>";

echo"<label><b>Cipher Text:</b></label>";

echo"<textarea class='form-control' name='plain'>";

for($i=0;$i<strlen($kalimat);$i++){

echo $c[$i];

}

echo"</textarea>";

echo"</div>";

echo"<div class='form-group input-control file'>";

echo"<label><b>Plain Text</b></label>";

echo"<textarea class='form-control input-lg' style='height:500px; padding-top:-30px;' name='cipher'>$kalimat </textarea>";

echo"</div>";

echo"<div class='form-group'>";

echo"<label><b>Waktu Kecepatan Deskrypsi data RC4</b></label>";

echo"<input class='form-control input-lg' type='text' name='kcenkripsi' value='$x / Detik(s)'/>";

echo"</div>";

echo"<div class='form-group'>";

echo"<label><b>File Name:</b></label>";

echo"<input class='form-control' type='text' name='nama' required='required'/>";

echo"</div>";

echo"<div class='form-group'>";

echo"<input type='submit' value='Simpan' class='btn btn-primary' />";

echo"</div>";

echo"</form>";

?>

1. **Form About**

<br>

<br>

<h5><b>About</b></h5>

<br>

<form role="form">

<div class="form-group">

<input class="form-control input-lg" type="text" placeholder="Nama Lengkap" disabled>

</div>

<div class="form-group">

<input class="form-control" type="text" placeholder="Alamat Lengkap" disabled>

</div>

<div class="form-group">

<input class="form-control input-sm" type="text" placeholder="Asal" disabled>

</div>

<div class="form-group row">

<div class="col-sm-3">

<input type="text" class="form-control" placeholder="Agama" disabled>

</div>

<div class="col-sm-4">

<input type="text" class="form-control" placeholder="Jenis Kelamin" disabled>

</div>

<div class="col-sm-5">

<input type="text" class="form-control" placeholder="Tempat Tanggal Lahir" disabled>

</div>

</div>

</form>

1. **Simpan\_1**

<?php

$nama = $\_POST['nama'];

$plain = $\_POST['plain'];

$namafile = $nama. ".sql";

$strlength = strlen($plain); //gets the length of our $content string.

$create = fopen("plain/" .$namafile, "w"); //uses fopen to create our file.

$write = fwrite($create, $plain, $strlength); //writes our string to our file.

$close = fclose($create); //closes our file

echo "<script>alert('File Berhasil Dibuat');location.replace('json-enkripsi-$result.mu');</script>";

?>

1. **Simpan\_2**

<?php

$nama = $\_POST['nama'];

$cipher= $\_POST['cipher'];

$namafile = $nama. ".sql";

$strlength = strlen($cipher); //gets the length of our $content string.

$create = fopen("cipher/" .$namafile, "w"); //uses fopen to create our file.

$write = fwrite($create, $cipher, $strlength); //writes our string to our file.

$close = fclose($create); //closes our file

echo "<script>alert('File Berhasil Dibuat');location.replace('json-deskripsi-$result.mu');</script>";

?>

1. **App.php**

<?php

function rc4( $key\_str, $data\_str ) {

// convert input string(s) to array(s)

$key = array();

$data = array();

for ( $i = 0; $i < strlen($key\_str); $i++ ) {

$key[] = ord($key\_str{$i});

}

for ( $i = 0; $i < strlen($data\_str); $i++ ) {

$data[] = ord($data\_str{$i});

}

// prepare key

$state = array( 0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,

16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,

32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,

48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,

64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,

80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,

96,97,98,99,100,101,102,103,104,105,106,107,108,109,110,111,

112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,

128,129,130,131,132,133,134,135,136,137,138,139,140,141,142,143,

144,145,146,147,148,149,150,151,152,153,154,155,156,157,158,159,

160,161,162,163,164,165,166,167,168,169,170,171,172,173,174,175,

176,177,178,179,180,181,182,183,184,185,186,187,188,189,190,191,

192,193,194,195,196,197,198,199,200,201,202,203,204,205,206,207,

208,209,210,211,212,213,214,215,216,217,218,219,220,221,222,223,

224,225,226,227,228,229,230,231,232,233,234,235,236,237,238,239,

240,241,242,243,244,245,246,247,248,249,250,251,252,253,254,255 );

$len = count($key);

$index1 = $index2 = 0;

for( $counter = 0; $counter < 256; $counter++ ){

$index2 = ( $key[$index1] + $state[$counter] + $index2 ) % 256;

$tmp = $state[$counter];

$state[$counter] = $state[$index2];

$state[$index2] = $tmp;

$index1 = ($index1 + 1) % $len;

}

// rc4

$len = count($data);

$x = $y = 0;

for ($counter = 0; $counter < $len; $counter++) {

$x = ($x + 1) % 256;

$y = ($state[$x] + $y) % 256;

$tmp = $state[$x];

$state[$x] = $state[$y];

$state[$y] = $tmp;

$data[$counter] ^= $state[($state[$x] + $state[$y]) % 256];

}

// convert output back to a string

$data\_str = "";

for ( $i = 0; $i < $len; $i++ ) {

$data\_str .= chr($data[$i]);

}

return $data\_str;

}

?>

1. **Proses.Php**

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<br/>

<h5>ENCRIPSI DATA</h5>

<br/>

<?php

$teks = strrchr($\_FILES['teks']['name'],'.');

?>

<form role="form" method="post" action="json-enkrip-<?php echo $result ?>.mu" enctype="multipart/form-data">

<div class="form-group input-control file">

<label><b>File Plain Text Anda (.sql)</b></label>

<input class="form-control input-lg" type="file" name="teks" accept=".sql" required="required"/>

</div>

<div class="form-group">

<?php

// membaca file koneksi.php

//include "koneksi.php";

// query untuk menampilkan semua tabel dalam database

$isi = $\_POST['teks'];

$query = "SHOW TABLES WHERE isi='$isi'";

$hasil = mysql\_query($query);

while ($data = mysql\_fetch\_row($hasil)){

echo"<input type='checkbox' name='teks' value='".$data[0]."'>".$data[0]."<br>";

}

?>

</div>

<div class="form-group">

<label><b>Key</b></label>

<input class="form-control" type="text" name="kcenkripsi" required="required">

</div>

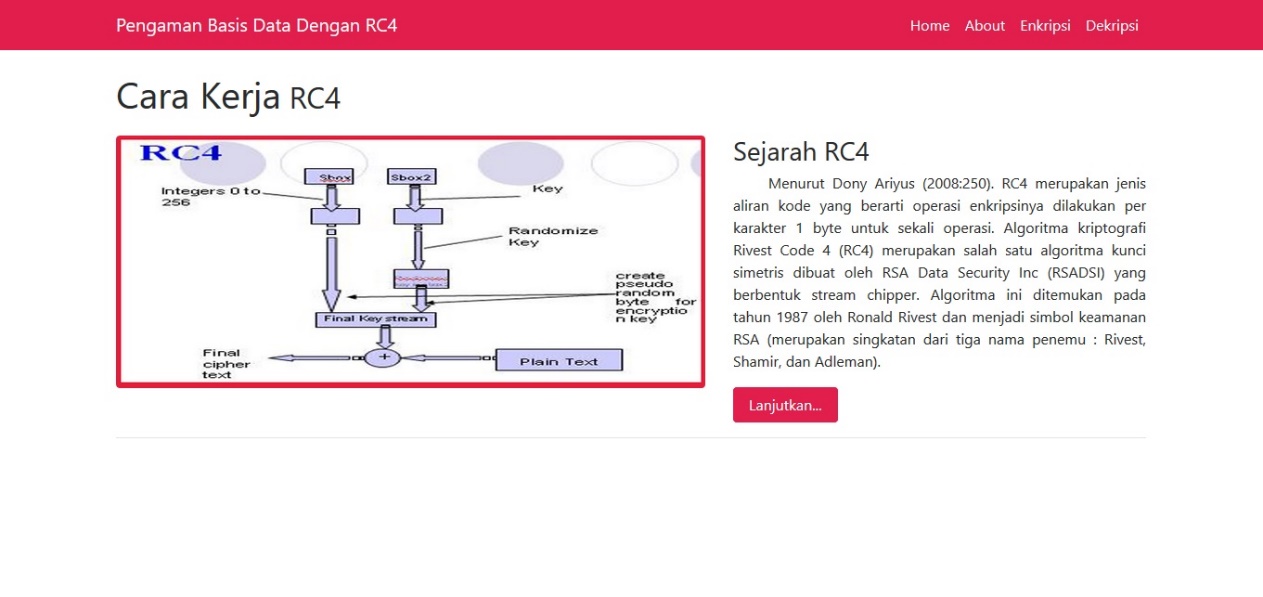
<div class="form-group">

<input type="submit" value="Enkripsi" class="btn btn-primary" />

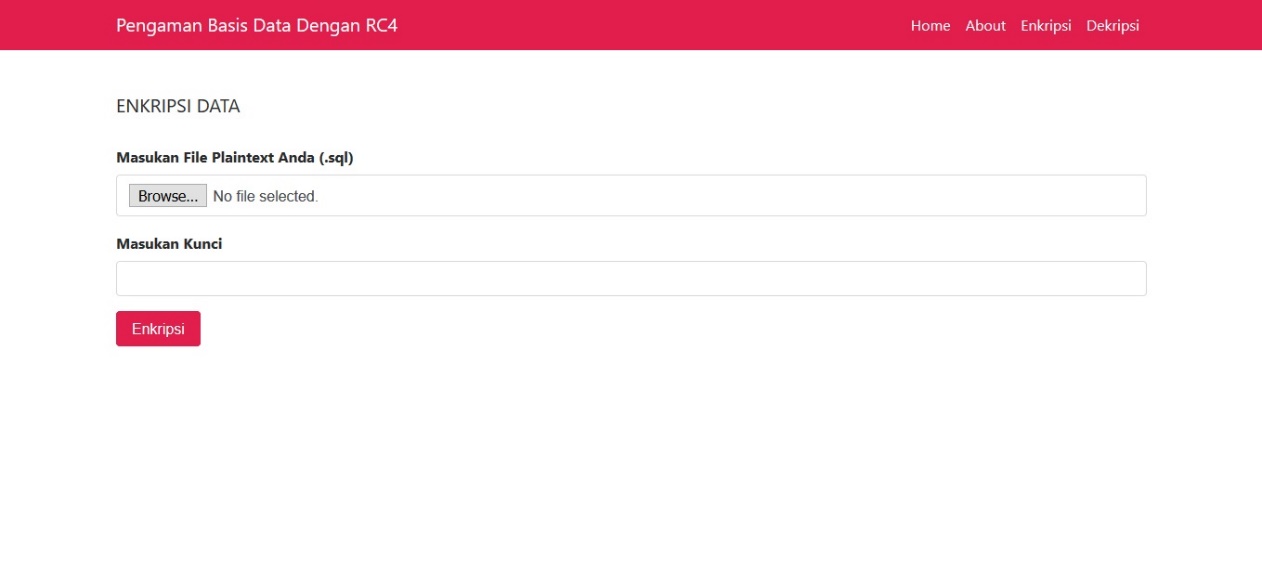
</div>

</form>

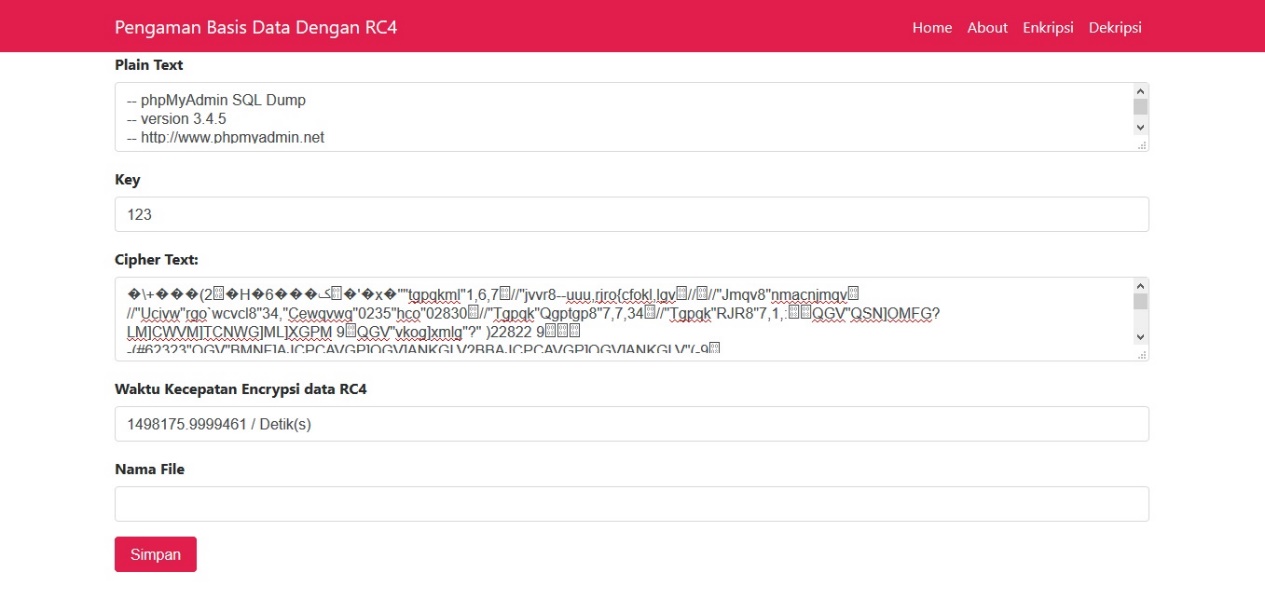
1. **Bentuk Output**
2. **Halaman Menu Utama**



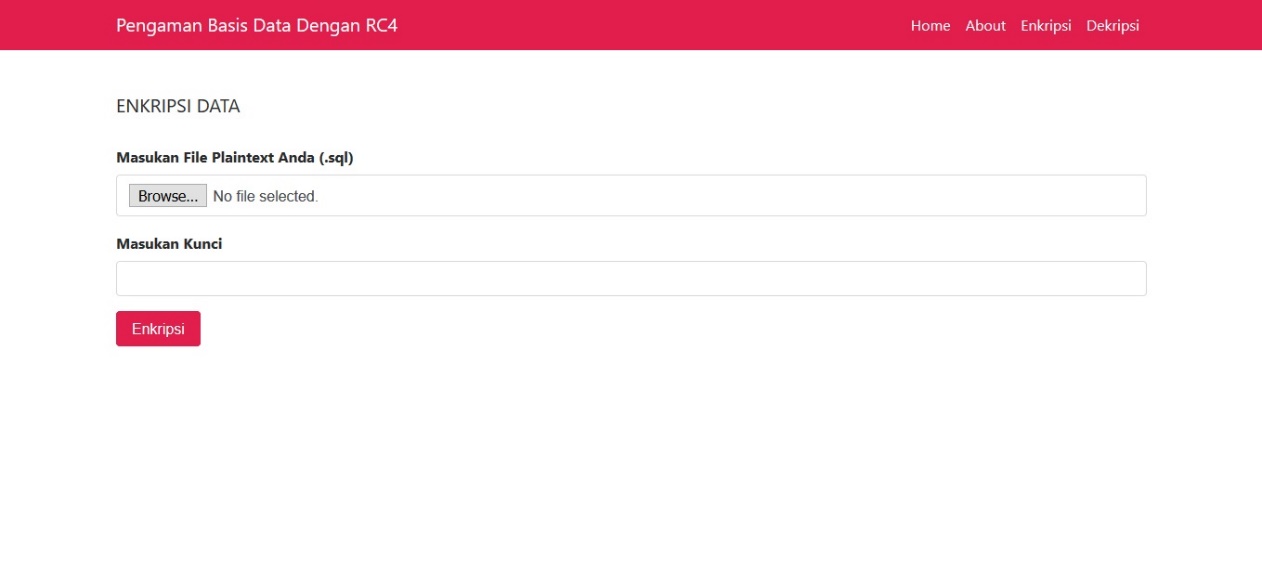
1. **Halaman Input Enkripsi**



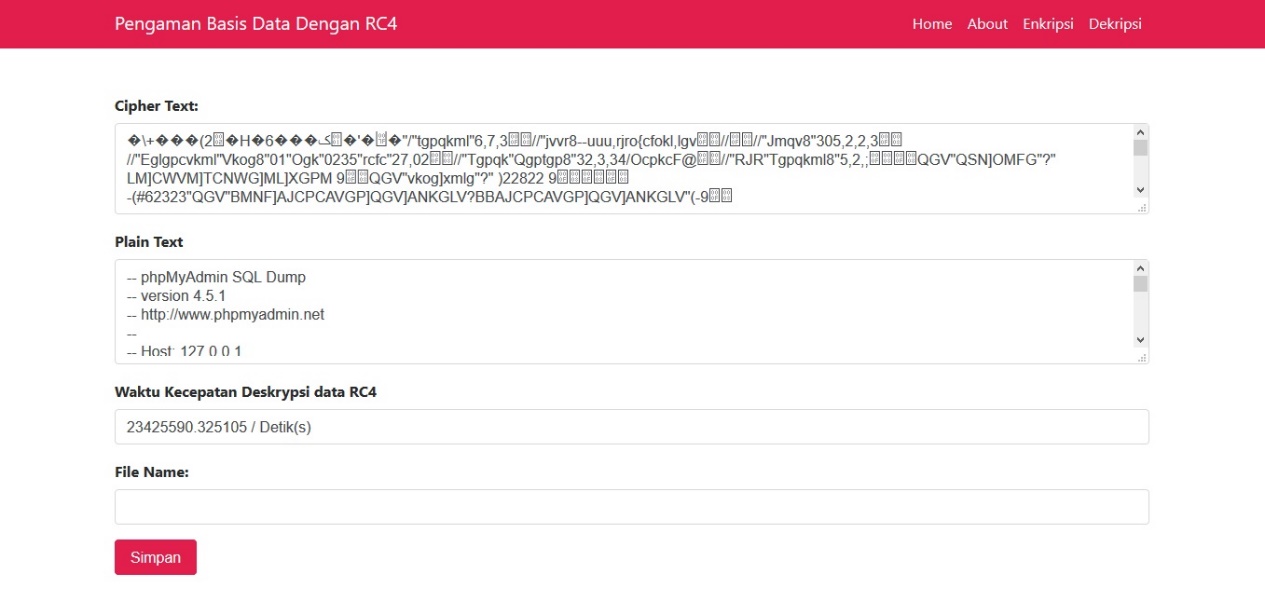
1. **Halaman Output Enkripsi**

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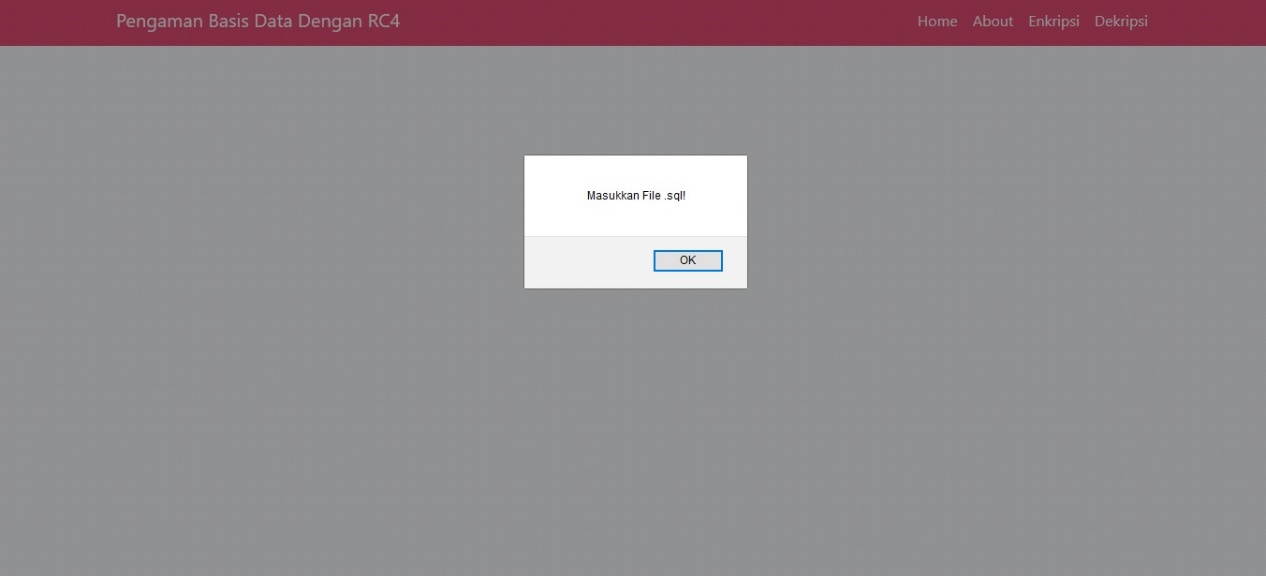
1. **Halaman Input Dekripsi**

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1. **Halaman Output Dekripsi**

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1. **Tampilan Pesan Error File**

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