## Create file using w mode

<?php

$var=fopen("newfile56.txt","w"); Write only. Opens and clears the contents of file; or creates a new file if it doesn't exist

?>

Note: If the fopen() function is unable to open the specified file, it returns 0 (false).

## Create file using x mode

<?php

$var=fopen("newfile564.txt","x");// Write only. Creates a new file. Returns FALSE and an error if file already exists

fclose($var);

?>

## Clear File Contents

<?php

$file = fopen("newfile562.txt","w");

?>

## Read File Line By Line

<?php

$file=fopen("newfile564.txt","r");

if($file==0)

{

echo "unable to open file";

}

else

{

echo "file successfully opened<br />";

}

while(!feof($file))

{

echo fgets($file)."<br />";

}

fclose($file);

?>

## File Open in Read Mode

<?php

$file=fopen("welcome.txt","r");

?>

## File Open or Exit when Unable to open

<?php

$file=fopen("welcome4.txt","r") or exit("Unable to open file!");

?>

## File Open and show message using if…else

<?php

$file=fopen("welcome.txt","r");

if($file==0)

{

echo "unable to open file";

}

else

{

echo "file successfully opened";

}

?>

## Calculating no. of lines in a file

<?php

$file=fopen("welcome.txt","r");

if($file==0)

{

echo "unable to open file";

}

else

{

echo "file successfully opened<br />";

}

$i=0;

while(!feof($file))

{

fgets($file);//it is used here to move to next line

$i++;

}

echo $i;

fclose($file);

?>

## File Reading Character by Character

<?php

$file=fopen("welcome2.txt","r");

if($file==0)

{

echo "unable to open file";

}

else

{

echo "file successfully opened<br />";

}

while(!feof($file))

{

echo fgetc($file);//it is used here to read a character and move to next character

}

fclose($file);

?>

## Calculating Number of Characters In a File

<?php

$file=fopen("welcome2.txt","r");

if($file==0)

{

echo "unable to open file";

}

else

{

echo "file successfully opened<br />";

}

$i=0;

while(!feof($file))

{

$i++;

echo fgetc($file);//it is used here to read a character and move to next character

}

echo "<br />number of chars".$i;

fclose($file);

?>

//it counts new line character as 2 characters and also counts eof(which is the last character of every file)

## Count how many times ‘a’ occurs in a file

<?php

$file=fopen("welcome2.txt","r");

if($file==0)

{

echo "unable to open file";

}

else

{

echo "file successfully opened<br />";

}

$i=0;

while(!feof($file))

{

$a=fgetc($file);//it is used here to read a character and move to next character

if($a=='a'||$a=='A')

{

$i++;

}

}

echo "<br />number of 'a' chars".$i;

fclose($file);

?>

## Display all contents of a file replacing ‘a’ with ‘b’ everywhere

<?php

$file=fopen("welcome2.txt","r");

if($file==0)

{

echo "unable to open file";

}

else

{

echo "file successfully opened<br />";

}

while(!feof($file))

{

$a=fgetc($file);//it is used here to read a character and move to next character

if($a=='a'||$a=='A')

{

$a='b';

}echo $a;

}

fclose($file);

?>

## Adding/Appending New Contents to a File

<?php

$file = fopen("xyz.txt","a");

fputs($file,"Hello World. Testing!\r\n");

fclose($file);

?>

## Writing New Contents to a File(it will delete old data)

<?php

$file = fopen("xyz.txt","w");

for($i=1;$i<=5;$i++)

{

fputs($file,"Hello World. Testing!\r\n");

}

fclose($file);

?>

## Take value from form and append it to file

<html>

<body>

<form method="POST" action="frnds.php">

<input type="text" name="a1" />

<input type="submit" />

</form>

</body>

</html>

<?php

$a=$\_POST["a1"];

$file = fopen("friend.txt","a") or exit("Unable to open file!");

fputs($file,$a."\r\n");

fclose($file);

?>

## Searching value in a file

<?php

$a=$\_POST["a1"]."\r\n";

$file=fopen("friend.txt","r");

if($file==0)

{

echo "unable to open file";

}

else

{

//echo "file successfully opened<br />";

}

$t=false;

while(!feof($file))

{

$b= fgets($file);

if($b==$a)

{

echo "yes";

$t=true;

break;

}

}

if($t==false)

{

echo "no";

}

fclose($file);

?>

## Login Part I

<html>

<body>

<form method="POST" action="login.php">

<input type="text" name="a1" />

<input type="text" name="a2" />

<input type="submit" value="login" />

</form>

</body>

</html>

<?php

//take value from user

$a=$\_POST["a1"];

$b=$\_POST["a2"]."\r\n";

//read file line by line

$file=fopen("email and passwords.txt","r");

if($file==0)

{

echo "unable to open file";

}

else

{

//echo "file successfully opened<br />";

}

$z=0;

while(!feof($file))

{

$t=0;

$line= fgets($file);

//find the poition of space

$pos=strpos($line,' ');

//extract chars before space

$e=substr($line,0,$pos);

//check chars with name

if($a==$e)

{

$t++;

}

//extract chars after space

$f=substr($line,$pos+1,strlen($line)-1);

//check chars with password

if($f==$b)

{

$t++;

}

if($t==2)

{

echo "login successful";

$z=1;

break;

}

}

if($z==0)

{

echo "login unsuccessful";

}

fclose($file);

?>

## One HTML file with 2 PHP files

<html>

<body>

<form method="POST" action="plus.php">

<input type="text" name="a1" />

<input type="text" name="a2" />

<input type="submit" value="plus" />

</form>

<form method="POST" action="multiply.php">

<input type="text" name="a3" />

<input type="text" name="a4" />

<input type="submit" value="multiply" />

</form>

</body>

</html>

plus.php

<?php

$a=$\_POST["a1"];

$b=$\_POST["a2"];

echo $a+$b;

?>

multiply.php

<?php

$a=$\_POST["a3"];

$b=$\_POST["a4"];

echo $a\*$b;

?>