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WEB-BASED PROGRAMMING

PRACTICAL FILE

Q1. Write a program to show the usage of nested if statement.

CODE:

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<?php
```

```
$t = date("H");
```

```
echo "<p>The hour (of the server) is " . $t;
```

```
echo ", and will give the following message:</p>";if ($t < "10") {  
echo "Have a good morning!";
```

```
} elseif ($t < "20") {
```

```
echo "Have a good day!";
```

```
} else {
```

```
echo "Have a good night!";
```

```
}
```

```
?>
```

```
</body>
```

```
</html>
```

OUTPUT:

The hour (of the server) is 10, and will give the following message:
Have a good day!

Q2. Write a Program in PHP for type Casting Of a Variables

CODE:

```
<?php
// PHP program to show
// standard type casting

$a = 1; var_dump($a);

// int to float
$a = (float) $a; var_dump($a);

// float to double
$a = (double) $a; var_dump($a);

// double to real
$a = (real) $a; var_dump($a);

// real to int
$a = (int) $a; var_dump($a);

// int to integer
$a = (integer) $a; var_dump($a);

// integer to bool
$a = (bool) $a; var_dump($a);

// bool to boolean
$a = (boolean) $a; var_dump($a);

// boolean to string
$a = (string) $a; var_dump($a);

// string to array
$a = (array) $a; var_dump($a);

// array to object
$a = (object) $a; var_dump($a);

// object to unset/NULL
$a = (unset) $a; var_dump($a);

?>
```

OUTPUT:

```
int(1)
float(1)
float(1)
float(1)
int(1)
int(1)
bool(true)
bool(true)
string(1) "1"
array(1) {
  [0]=>
    string(1) "1"
}
object(stdClass)#1 (1) {
  [0]=>
    string(1) "1"
}
NULL
```

Q3. Write a program to create a menu driven program and show the usage of switch-case.

CODE:

```
<!DOCTYPE html>

<html>

<body>

<?php

$favcolor = "red"; switch ($favcolor) {case "red":
echo "Your favorite color is red!";break;
case "blue":

echo "Your favorite color is blue!";break;
case "green":

echo "Your favorite color is green!";break;
default:

echo "Your favorite color is neither red, blue, nor green!";

}

?>

</body>

</html>
```

OUTPUT:

Your favorite color is red!

Q4. Write a program to show the usage of for/while/do while loop.

CODE:

FOR LOOP:

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<?php
```

```
for ($x = 0; $x <= 10; $x++) { echo "The number is: $x <br>";  
}
```

```
?>
```

```
</body>
```

```
</html>
```

OUTPUT:

```
The number is: 0  
The number is: 1  
The number is: 2  
The number is: 3  
The number is: 4  
The number is: 5  
The number is: 6  
The number is: 7  
The number is: 8  
The number is: 9  
The number is: 10
```

CODE:**WHILE LOOP:**

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<?php
```

```
$x = 1;
```

```
while($x <= 5) {
```

```
    echo "The number is: $x <br>";
```

```
    $x++;
```

```
}
```

```
?>
```

```
</body>
```

```
</html>
```

OUTPUT :

```
The number is: 1
The number is: 2
The number is: 3
The number is: 4
The number is: 5
```


CODE:**DO WHILE LOOP:**

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<?php
```

```
$x = 1;do {
```

```
echo "The number is: $x <br>";
```

```
$x++;
```

```
} while ($x <= 5);
```

```
?>
```

```
</body>
```

```
</html>
```

OUTPUT:

```
The number is: 1  
The number is: 2  
The number is: 3  
The number is: 4  
The number is: 5
```

Q5. Write a program to implement Array-pad(),array_slice(),array_splice(),list() functions.(useforeach wherever applicable).

CODE:

ARRAY PAD:

```
<!DOCTYPE html>

<html>

<body>

<?php

$a=array("red","green"); print_r(array_pad($a,5,"blue"));
?>

</body>

</html>
```

OUTPUT:

```
Array ( [0] => red [1] => green [2] => blue [3] => blue [4] => blue )
```

CODE:**ARRAY SLICE:**

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<?php
```

```
$a=array("red","green","blue","yellow","brown");print_r(array_slice($a,2));  
?>
```

```
</body>
```

```
</html> OUTPUT:
```

```
Array ( [0] => blue [1] => yellow [2] => brown )
```

ARRAY SPLICE:

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<?php
```

```
$a1=array("a"=>"red","b"=>"green","c"=>"blue","d"=>"yellow");
```

```
$a2=array("a"=>"purple","b"=>"orange");array_splice($a1,0,2,$a2);
```

```
print_r($a1);
```

```
?>
```

```
</body>
```

```
</html>
```

OUTPUT:

```
Array ( [0] => purple [1] => orange [c] => blue [d] => yellow )
```

CODE:

LIST():

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<?php
```

```
$my_array = array("Dog","Cat","Horse");list($a, $b, $c) = $my_array;  
echo "I have several animals, a $a, a $b and a $c.";
```

```
?>
```

```
</body>
```

```
</html>
```

OUTPUT:

I have several animals, a Dog, a Cat and a Horse.

Q6. Write a program to show the application of user defined functions.

CODE:

```
<!DOCTYPE html>

<html>

<body>

<?php

function familyName($fname, $year) {

echo "$fname Refsnes. Born in $year <br>";

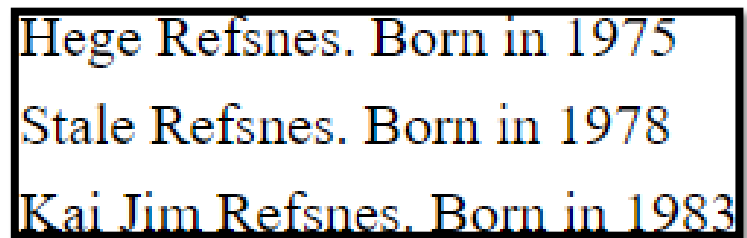
}

familyName("Hege","1975"); familyName("Stale","1978"); familyName("Kai Jim","1983");
?>

</body>

</html>
```

OUTPUT:



Hege Refsnes. Born in 1975
Stale Refsnes. Born in 1978
Kai Jim Refsnes. Born in 1983

Q7. Write a program to show the usage of Cookie.

CODE:

```
<?php
$cookie_name = "user";
$cookie_value = "John Doe";
setcookie($cookie_name, $cookie_value, time() + (86400 * 30), "/");

?>
<html>
<body>

<?php if(!isset($_COOKIE[$cookie_name])) {
echo "Cookie named '" . $cookie_name . "' is not set!";
} else {
echo "Cookie '" . $cookie_name . "' is set!<br>";echo "Value is: " . $_COOKIE[$cookie_name];
}
?>
</body>
</html>
```

OUTPUT:

Cookie named 'user' is not set!

Note: You might have to reload the page to see the value of the cookie.

Q8. Write a program to show the usage of Session.

CODE:

```
<?php
// Start the session
session_start();
?>
<!DOCTYPE html>
<html>
<body>

<?php
// Set session variables
$_SESSION["favcolor"] = "green";
$_SESSION["favourite"] = "cat"; echo "Session variables are set.";
?>
</body>
</html>
```

OUTPUT:



Session variables are set.

Q9. Do Form handling In PHP Design a personal Information form , then Submit & Retrieve the Form Data Using \$_GET(), \$_POST() and \$_REQUEST() Variables.

CODE:

GET():

GETTEST.php

```
<html>
```

```
<body> WELCOME
```

```
<?php
```

```
echo $_GET["NAME"]; echo $_GET["LAST NAME"];
```

```
echo $_GET["AGE"];
```

```
echo $_GET["EMAIL"];
```

```
?>
```

```
</body>
```

```
</html>
```

HTML FORM

```
<html>
```

```
<body>
```

```
<form action="gettest.php" method="GET">
```

```
NAME: <input type="text" name="USERNAME"><br>AGE : <input type="text" name="AGE"><br>
```

```
EMAIL : <input type="text" name="EMAIL"><br>
```

```
<input type="submit">
```

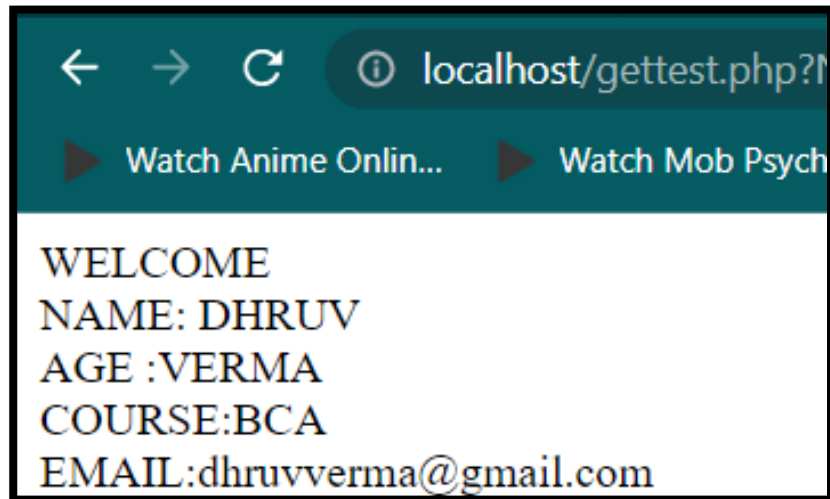
</form>

</body>

</html>

OUTPUT:

GET METHOD



CODE: POST METHOD

POSTEST.php

```
<html>
```

```
<body> WELCOME
```

```
<?php
```

```
$nm=$_POST["NAME"];
```

```
echo "NAME: ".$nm;echo"<br>";  
?>
```

```
<?php
```

```
$age=$_POST["AGE"];
```

```
echo "AGE: ".$age;echo"<br>";  
?>
```

```
<?php
```

```
$course=$_POST["COURSE"];echo "COURSE: ".$course; echo"<br>";  
?>
```

```
<?php
```

```
$email=$_POST["EMAIL"];echo "EMAIL: ".$email; echo"<br>";  
?>
```

```
</body>
```

```
</html>
```

HTML FORM

```
<html>
```

```
<body>
```

```
<form action="posttest.php" method="POST"> NAME: <input type="text" name="NAME"><br> AGE :  
<input type="text" name="AGE"><br> COURSE: <input type="text" name="COURSE"><br>EMAIL :  
<input type="text" name="EMAIL"><br>  
<input type="submit">
```

```
</form>
```

</body>

</html>

OUTPUT:



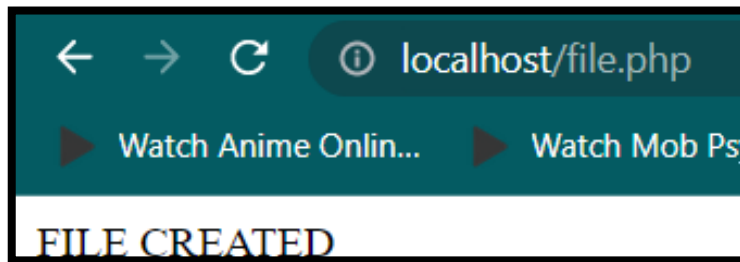
Q10. Write a program to create a file.

CODE:

```
<?php
```

```
$myfile = fopen("newfile.txt", "w") or die("Unable to open file!");  
Echo "FILE CREATED";  
$txt = "John Doe\n";  
fwrite($myfile, $txt);  
fclose($myfile);  
?>
```

OUTPUT:



Q11. Write a program to read and display the content of previously created file.

CODE:

```
<?php  
echo file_get_contents("test.txt");  
?>
```

OUTPUT:

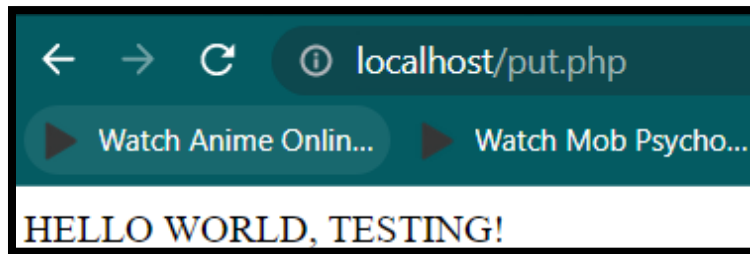
THIS PROGRAM IS TO GET CONTENT FROM PREVIOUSLY CREATED FILE

Q12. Write a program to modify the content of an existing file.

CODE:

```
<?php  
echo file_put_contents("test.txt","HELLO WORLD, TESTING!!");  
?>
```

OUTPUT:

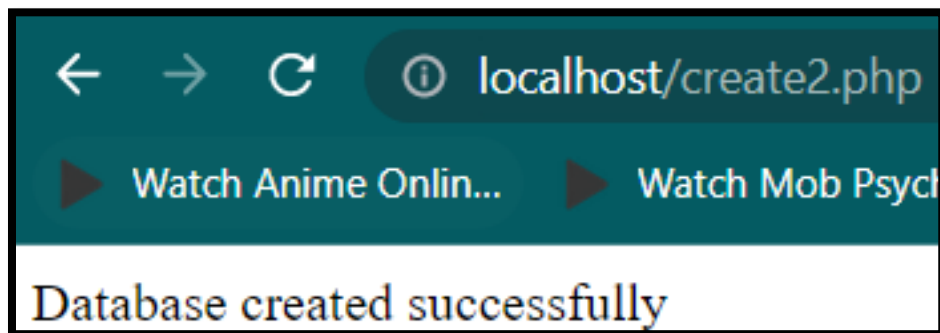


Q13. Write a program to create a mysql database.

CODE:

```
<?php
$servername = "localhost";
$username = "username";
$password = "password";
// Create connection
$conn = new mysqli($servername, $username, $password);
// Check connection
if ($conn->connect_error) {
die("Connection failed: " . $conn->connect_error);
}
// Create database
$sql = "CREATE DATABASE myDB";
if ($conn->query($sql) === TRUE) { echo "Database created successfully";
} else {
echo "Error creating database: " . $conn->error;
}
$conn->close();
?>
```

OUTPUT:



Q14. Write a php script to see whether the page is called from “https” or “http”.

CODE:

```
<?php
```

```
if (!empty($_SERVER['HTTPS']))
```

```
{
```

```
    echo 'https is enabled';
```

```
}
```

```
else
```

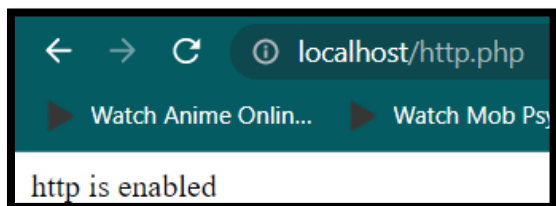
```
{
```

```
    echo 'http is enabled'."\n";
```

```
}
```

```
?>
```

OUTPUT:



Q15. Write a program to validate the form data using Filter_var() function.

CODE:

Fm.php

```
<html>
```

```
<body>
```

```
<?php echo"<center>"; echo "welcome";echo"<br>";  
$roll_no=$_POST["rollno"];echo "rollno".$roll_no; echo"<br>";  
?>
```

```
<?php
```

```
$nm=$_POST["name"]echo"name".$nm; echo"<br>";  
?>
```

```
<?php
```

```
$email=$_POST["email"] if(filter_var($email,FILTER_VALIDATE_EMAIL))  
{
```

```
echo("$email is valid");
```

```
}
```

```
else
```

```
{
```

```
echo("$email is not valid");include "regform1.html"; exit();}  
echo"<br>"; echo"email".$email;echo"<br>";  
?>
```

```
<?php
```

```
$branch=$_POST["branch"]echo"Branch".$branch; echo"<br>";  
?>
```

```
<?php
```

```
$yr=$_POST["year"]echo"Year".$yr; echo"<br>"; echo"</center>"  
?>
```

REGFORM.html

<html>

<body>

<center> welcome registration form

<form action="fm.php"method="post">

ROLL NO:<input type="number" name="rollno">

NAME:<input type="text" name="name">

EMAIL:<input type="text" name="email">

BRANCH:<input type="text" name="branch">

YEAR:<input type="text" name="year">

<input type="submit">

</form>

</center>

</body>

</html>

OUTPUT:

welcome registration form	
ROLL NO:	1
NAME:	DEV
EMAIL:	devshukla@gmail.com
BRANCH:	BCA
YEAR:	FIRST
<input type="button" value="Submit"/>	