

1 Write the HTML code for generating the form as shown below. Apply the internal CSS to following form to change the font size of the heading to 6pt and change the color to red and also change the background color to yellow.

```
<html> <head> <title> user Registration Form </title> <style> h 1{background-color:yellow;font-style:italic}

</style> </head> <body> <h2 align="center">/user Registration Form</h1> <form> Enter Name

<input type="text" name="t1"><br><br> Enter Age <input type="number" name="age"><br><br>

Enter Email id <input type="email" name="email"><br><br>

<input type="submit" name="b1" value="submit">

</form>

</body>

</html>
```

Q.1) Create HTML5 page with following specifications

[1

5]

- i) Title should be about your City.
- ii) Color the background by Pink color.
- iii) Place your city name at the top of page in large text and in blue color.
- iv) Add names of the landmarks in your city, each in different color, style and font

Add any image at the bottom. (Use inline CSS to format the web page)

```
<HTML>
<HEAD><TITLE><CENTER>My CITY</CENTER></TITLE></HEAD>
<BODY BGCOLOR="ORANGE">
<BODY BGCOLOR="ORANGE">
<FONT SIZE="7" FACE="ARIAL" COLOR="BLUE"><CENTER>PUNE,
<SMALL>MAHARASHTRA</SMALL></FONT><BR>
<BODY BGCOLOR="RED"><CENTER>
<font size="4" face="arial" color="pink"><B>Landmarks</B></font><BR>
<font size="4" face="arial" color="yellow"><B>SHANIVAR WADA</B></font><BR>
<font size="4" face="arial" color="red"><B>Empharence Mall</B></font><BR>
<font size="4" face="arial" color="blue"><B>Ganesh Tekadi</B></font><BR>
<BODY BGCOLOR="PINK"><CENTER>
<MARQUEE BEHAVIOUR="SLIDE"> Wonderful Place To Visit</MARQUEE>
<MARQUEE BEHAVIOUR="SLIDE">Pune Is best City for Education</MARQUEE>
<IMG SRC="b.jpg" WIDTH="400" HEIGHT="400" ALT="IMAGE CANNOT BE DISPLAYED">
</BODY>

</HTML>
```

Q.1) Write a program using html with following CSS specifications-

[1

5]

- i. The background colour of the company name should be in green.
- ii. The text colour of the company name should be red.
- iii. The heading should be large –with font "comic sans ms"

The description of the company should be displayed in blue color in a paragraph

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Titan Fastrack</title>
```

```
<style>
```

```
h1{
```

```
text-align: center;
```

```
background-color: green;
```

```
color: red;
```

```
font-family: "comic sans MS";
```

```
}
```

```
p{
```

```
color: blue;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h1>Titan Fastrack</h1>
```

```
<p>
```

Fastrack is a fashion accessory retail brand in india.The company was launched in 1998 as a sub -brsnd of titan watches.in 2005, Fastrack was supn off as an independent brand targeting the urban youth and growing fashion industry in india.

```
</p>
```

```
</body>
```

```
</html>
```

Write a HTML code, which generate the following output

[1

5]

List of Books			
Item No	Item Name	Price	
		Rs.	Paise
1	Programming in Python	500	50
2	Programming in Java	345	00

```
<?php
// PHP implementation of above approach

//function to calculate coin
function coin($totalRupees, $X, $Y, $Z)
{
    $one = 0;
    $fifty = 0;
    $twentyfive = 0;
    $result = 0;
    $total = 0;

    // Converting each of them in rupees.
    // As we are given totalRupees = 1800
    $one = $X * 1;
    $fifty = (($Y * 1) / 2.0);
    $twentyfive = (($Z * 1) / 4.0);
    $total = $one + $fifty + $twentyfive;

    $result = (($totalRupees) / $total);

    return $result;
}

// Driver Code
$totalRupees = 1800;
$X = 1;
$Y = 2;
$Z = 4;
$Rupees = coin($totalRupees, $X, $Y, $Z);
echo "1 rupee coins = ", $Rupees * 1, "\n";
echo "50 paisa coins = ", $Rupees * 2, "\n";
echo "25 paisa coins = ", $Rupees * 4, "\n";

// This code is contributed
// by Shashank_Sharma.
?>
```

Create following Bootstrap Web Layout Design and change Title, add your personal information, educational information, job profile

```
<!-- Add icon library -->
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

<div class="card">
  
  <h1>John Doe</h1>
  <p class="title">CEO & Founder, Example</p>
  <p>Harvard University</p>
  <a href="#"><i class="fa fa-dribbble"></i></a>
  <a href="#"><i class="fa fa-twitter"></i></a>
  <a href="#"><i class="fa fa-linkedin"></i></a>
  <a href="#"><i class="fa fa-facebook"></i></a>
  <p><button>Contact</button></p>
</div>
```

Create following Bootstrap Web Layout Design and set Header background color Blue, add your College name, set Menu section background color green create menu About Us, In content section add college information, background color yellow, Footer section background color red, add address of college.

Design HTML 5 Page Using CSS Which Displays the following Navigation Bar

1. **<Html>**
2. **<Head>**
3. **<Title>**
4. Make a Navigation Bar
5. **</Title>**
6. **</Head>**
7. **<Body>**
8. **</Body>**
9. **</Html>**
10. **<Body>**
11. **<nav>**
- 12.
- 13.
14. **</nav>**
15. You are at JavaTpoint Site.....
16. **</Body>**
17. **</Html>**
18. **<Body>**

```
19. <nav>
20. <ul>
21. <li>
22. <a href="#"> Home </a>
23. </li>
24. <li>
25. <a href="#"> About </a>
26. </li>
27. <li>
28. <a href="#"> Contact </a>
29. </li>
30. <li> <a href="#"> Terms of use </a>
31. </li>
32. <li>
33. <a href="#"> Join Us </a>
34. </li>
35. </ul>
36. </nav>
37. You are at JavaTpoint Site.....
38. </Body>
39. </Html>
40. <Head>
41. <Title>
42. Make a Navigation Bar
43. </Title>
44. <style type=text/css>
45.
46.
47. </style>
48. </Head>
49. <style type=text/css>
50. body
51. {
52. height: 125vh;
53. margin-top: 80px;
54. padding: 30px;
55. background-size: cover;
```

```
56. font-family: sans-serif;
57. }
58. header {
59. background-color: orange;
60. position: fixed;
61. left: 0;
62. right: 0;
63. top: 5px;
64. height: 30px;
65. display: flex;
66. align-items: center;
67. box-shadow: 0 0 25px 0 black;
68. }
69. header * {
70. display: inline;
71. }
72. header li {
73. margin: 20px;
74. }
75. header li a {
76. color: blue;
77. text-decoration: none;
78. }
79. </style>
80. <style type=css>
81. body
82. {
83. height: 125vh;
84. margin-top: 80px;
85. padding: 30px;
86. background-size: cover;
87. font-family: sans-serif;
88. }
89. header {
90. background-color: orange;
91. position: fixed;
92. left: 0;
```

```
93. right: 0;
94. top: 5px;
95. height: 30px;
96. display: flex;
97. align-items: center;
98. box-shadow: 0 0 25px 0 black;
99. }
100.     header * {
101.         display: inline;
102.     }
103.     header li {
104.         margin: 20px;
105.     }
106.     header li a {
107.         color: blue;
108.         text-decoration: none;
109.     }
110. </style>
111. </Head>
112. <Body>
113. <header>
114. <nav>
115. <ul>
116. <li>
117. <a href="#"> Home </a>
118. </li>
119. <li>
120. <a href="#"> About </a>
121. </li>
122. <li>
123. <a href="#"> Contact </a>
124. </li>
125. <li> <a href="#"> Terms of use </a>
126. </li>
127. <li>
128. <a href="#"> Join Us </a>
129. </li>
```

```

130.     </ul>
131.     </nav>
132.     </header>
133.     You are at JavaTpoint Site.....
134.     </Body>
135.     </Html>

```

Q.1)

Design an HTML form to accept two strings from the user. Write a PHP script for the following.

- Find whether the small string appears at the start of the large string.
- Find the position of the small string in the big string.

Compare both the string for first n characters, also the comparison should not be case sensitive.

```

<html>
<body>
<form action='ass1b2' method=post>
<pre>
Enter first string :<input type='text' name='str1'><br>
Enter second string :<input type='text' name='str2'><br>
Enter string for replace:<input type='text' name='str3'><br></h2>

                <input type='radio' name="ch" value=1>Occurrence.
                <input type='radio' name="ch" value=2>Replace.
                <input type='radio' name="ch"
value=3>split.
                <input type=submit value=ok>   <input type=reset value=cancel>

</pre>
</form>
</body>
</html>

<?php
    $str1=$_POST['str1'];
    $str2=$_POST['str2'];
    $str3=$_POST['str3'];
    $ch=$_POST['ch'];
    echo"First string=$str1.<br>";
    echo"Second String=$str2.<br>";
    echo"String for replace=$str3.<br>";
    if(strlen($str1)>strlen($str2))
    {
        switch($ch)
        {
            case 1: $pos=strpos($str1,$str2);
                    if($pos!=0)
                        echo"String '$str2' Not present at the start of '$str1'.<br>";

```



```

        else
            echo "String '$str2' Present at the start of '$str1'.<br>";
        break;
    case 2:
        $str4=str_replace($str2,$str3,$str1);
        printf("\nAfter replacing string::");
        echo $str4;
        break;
    case 3: $s=preg_split("//",$str1);
        foreach($s as $v) echo "\t$v <br>";
        break;
    }
}
else
{
    switch($ch)
    {
        case 1:$pos=strpos($str2,$str1);
            if($pos!=0)
                echo "String '$str1' Not present at the start of '$str2'.<br>";
            else
                echo "String '$str1' Present at the start of '$str2'.<br>";
            break;
        case 2: $str4=str_replace($str1,$str3,$str2);
            echo "After replacing string::$str4<br>";
            break;
        case 3:
            echo "After splitting the string::<br>";
            $s=preg_split("//",$str2);
            foreach($s as $v) echo "\t$v <br>";
        }
    }
}
}

```

?>

) Write a PHP script for the following: Design a form having a text box and a drop down list containing any 3 separators (e.g. #, |, %, @, ! or comma) accept a string from the user and also a separator.

a. Split the string into separate words using the given separator.

b. Replace all the occurrences of separator in the given string with some other separator.

Find the last word in the given string

```
<?php
```

```

// Use preg_split() function
$string = "123,456,78,000";
$str_arr = preg_split ("/\,/",$string);
print_r($str_arr);

```

```
// use of explode
$string = "123,46,78,000";
$str_arr = explode(",", $string);
print_r($str_arr);
?>
```

- Q.1) Write a script to accept two integers(Use html form having 2 textboxes). Write a PHP script to,
- Find mod of the two numbers.
 - Find the power of first number raised to the second.
 - Find the sum of first n numbers (considering first number as n)
 - Find the factorial of second number.

(Write separate function for each of the above operations.)

- <html>
- <body>
- <form method="post">
- Enter First Number:
- <input type="number" name="number1" />

- Enter Second Number:
- <input type="number" name="number2" />

- <input type="submit" name="submit" value="Add">
- </form>
- <?php
- if(isset(\$_POST['submit']))
- {
- \$number1 = \$_POST['number1'];
- \$number2 = \$_POST['number2'];
- \$sum = \$number1+\$number2;
- echo "The sum of \$number1 and \$number2 is: ".\$sum;
- }
- ?>
- </body>
- </html>

Create a button with different style (Secondary, Primary, Success, Error, Info, Warning, Danger) using Bootstrap.

```
<button type="button" class="btn">Basic</button>
<button type="button" class="btn btn-default">Default</button>
<button type="button" class="btn btn-primary">Primary</button>
<button type="button" class="btn btn-success">Success</button>
<button type="button" class="btn btn-info">Info</button>
```

```

<button type="button" class="btn btn-warning">Warning</button>
<button type="button" class="btn btn-danger">Danger</button>
<button type="button" class="btn btn-link">Link</button>

<a href="#" class="btn btn-info" role="button">Link Button</a>
<button type="button" class="btn btn-info">Button</button>
<input type="button" class="btn btn-info" value="Input Button">
<input type="submit" class="btn btn-info" value="Submit Button">

```

Write a PHP script for the following: Design a form to accept two numbers from the user. Give options to choose the arithmetic operation (use radio buttons). Display the result on the next form. (Use the concept of function and default parameters. Use 'include' construct or require statement)

```
<html>
```

```
    <body bgcolor=black>
```

```
        <form action="setb1.php" method= "GET" >
```

```
            Enter first number : <input type=text name=a ><br>
```

```
            Enter second number: <input type=text name=b ><br>
```

```
            Operation::
```

```
                <input type=radio name=c value=1>Addition.<br>
```

```
                <input type=radio name=c value=2>Subtraction.<br>
```

```
                <input type=radio name=c value=3>Multiplication.<br>
```

```
                <input type=radio name=c value=4>Division.<br>
```

```
                <input type=submit value=ok>   <input type=reset value=clear>
```

```
            </form>
```

```
        </body>
```

```
</html>
```

```
<?php
```

```
$n1 = $_GET['a'];
```

```
$n2 = $_GET['b'];
```

```
$ch = $_GET['c'];
```

```
if($ch==1)
```

```
{
```

```
    $c = $n1 + $n2;
```

```
    echo"addition is: $c";
```

```
}
```

```
else if($ch==2)
```

```
{
```

```
    $c = $n1 - $n2;
```

```
    echo"subtraction is: $c";
```

```
}
```

```
else if($ch==3)
```

```
{
```

```
    $c = $n1 * $n2;
```

```
    echo"multiplication is: $c";
```

```
}
```

?>

```
<!DOCTYPE html>
```

<html>

<body>

--

```
<?php
```

```
echo "Chess by GeeksforGeeks";
```

```
$value = 0;
```

```
for($col = 0; $col < 8; $col++) {
```

```
echo "<tr>";
```

```
$value = $col;
```

```
for($row = 0; $row < 8; $row++) {
```

```
if($value%2 == 0) {
```

echo

```
"<td height=40px width=20px bgcolor=black></td>";
```

```
$value++;
```

}

```
else {
```

echo

```

"<td height=40px width=20px bgcolor=white></td>";

        $value++;

    }

}

echo "</tr>";

}

?>

</table>

</body>

</html>

```

Create a container add row inside it and add 3 columns inside row using Bootstrap

```

<div class="container">
  <div class="row">
    <div class="col">
      1 of 3
    </div>
    <div class="col-6">
      2 of 3 (wider)
    </div>
    <div class="col">
      3 of 3
    </div>
  </div>
  <div class="row">
    <div class="col">
      1 of 3
    </div>
    <div class="col-5">
      2 of 3 (wider)
    </div>
    <div class="col">
      3 of 3
    </div>
  </div>
</div>

```

Q.1) Design a form to accept string from the user and perform the following operations

- To select first 5 words from the string
- Convert the given string to lowercase and then to Title case.
- Pad the given string with "*" from left and right both the sides.
- Remove the leading whitespaces from the given string.

Find the reverse of given string.

```

<?php

//all uppercase letters

```

```

print(strtoupper("the quick brown fox jumps over the lazy
dog."))."\n";

//all lowercase letters

print(strtolower("THE QUICK BROWN FOX JUMPS OVER THE LAZY
DOG"))."\n";

// make a string's first character uppercase

print(ucfirst("the quick brown fox jumps over the lazy dog."))."\n";

// make a string's first character of all the words uppercase

print(ucwords("the quick brown fox jumps over the lazy dog."))."\n";

?>

```

Write a PHP script for the following: Design a form to accept the marks of 5 different subjects of a student, having serial number, subject name & marks out of 100. Display the result in the tabular format which will have total, percentage and grade. Use only 3 text boxes.(Use array of form parameters)

```
<?php
```

```
// PHP Script to Calculate Total Marks of Student and Display Grade
```

```
// These are the marks of five subjects
```

```
$sub_1 = 95;
```

```
$sub_2 = 85;
```

```
$sub_3 = 74;
```

```
$sub_4 = 64;
```

```
$sub_5 = 53;
```

```
$total = NULL;
```

```
$average = NULL;
```

```
$percentage = NULL;
```

```
$grade = NULL;
```

```
// It will calculate total, average, percentage, and grade
```

```
$total = $sub_1 + $sub_2 + $sub_3 + $sub_4 + $sub_5;
```

```
$average = $total / 5.0;
```

```
$percentage = ($total / 500.0) * 100;
```

```

if ($average >= 90)
    $grade = "A";
else if ($average >= 80 && $average < 90)
    $grade = "B";
else if ($average >= 70 && $average < 80)
    $grade = "C";
else if ($average >= 60 && $average < 70)
    $grade = "D";
else
    $grade = "E";

// It will print the final output
echo "The Total marks  = " . $total . "/500\n";
echo "The Average marks = " . $average . "\n";
echo "The Percentage   = " . $percentage . "%\n";
echo "The Grade       = " . $grade . "\n";

?>

```

-) Write a PHP script to sort the following associative array :
- ```
array("Sagar"=>"31","Vicky"=>"41","Leena"=>"39","Ramesh"=>"40")
```
- ascending order sort by Value
  - ascending order sort by Key
  - descending order sorting by Value

---

descending order sorting by Key

- Q.1) Write a menu driven program to perform the following operations on an associative array
- Reverse the order of each element's key-value pair.
  - Traverse the element in an array in random order.
  - Convert the array elements into individual variables.

---

Display the elements of an array along with key.

```

<html>
<body>
<form action="slip8_Q1.php" method="get">
<center>
<h3><input type="radio" name="op" value="1">Reverse the order of each elt's key-value
pair</h3>
<h3><input type="radio" name="op" value="2">Traverse the elements in array in random
order</h3>

```



```

<input type="submit" value="Submit">
</center>
</form>
</body>
</html>

<?php
 $op = $_GET['op'];
 $input = array("Peter"=>"35", "Ben"=>"37", "Joe"=>"43");
 switch($op)
 {
 case 1 : $flipped = array_flip($input);
 print_r($flipped);
 break;
 case 2 : shuffle($input);
 print_r($input);
 break;
 }
?>

```

- Q.1) Write a PHP script to accept 2 strings from the user, the first string should be a sentence and second can be a word.
- Delete a small part from first string after accepting position and number of characters to remove.
  - Insert the given small string in the given big string at specified position without removing any characters from the big string.

---

Replace some characters/ words from given big string with the given small string at specified position.

```

// main class that everything inherits
class Grandpa
{
 public function __construct()
 {

 }
}

class Papa extends Grandpa
{
 public function __construct($bypass = false)
 {
 // only perform actions inside if not bypassing
 if (!$bypass) {

 }
 // call Grandpa's constructor
 parent::__construct();
 }
}

```

```

class Kiddo extends Papa
{
 public function __construct()
 {
 $bypassPapa = true;
 }
 $bypassPapa = true;
 parent::__construct($bypassPapa);
}
}

```

Q.1) Write a menu driven program to perform the following operations on associative arrays:

- a) Split an array into chunks
- b) Sort the array by values without changing the keys.

---

Filter the even elements from an array.

```

<html>
<body bgcolor="gold">

```

```

<?php
function is_odd($var)
{
 if($var%2==1)
 return $var;
}

```

```

$choice=$_POST['ch'];

```

```

$arr=array('a'=>1,'b'=>2,'c'=>3,'d'=>4,'e'=>5,'f'=>6,'g'=>7,'h'=>8);
$arr1=array('l'=>11,'m'=>22,'n'=>33,'o'=>44,'p'=>55,'q'=>66,'r'=>77,'s'=>88);
$arr2=array('a'=>10,'b'=>20,'c'=>30,'d'=>40,'e'=>50,'f'=>60,'g'=>70,'h'=>80);
switch($choice)
{
 case 1:
 sort($arr);
 echo "Array in ascending order:
";
 print_r($arr);
 rsort($arr);
 echo "
Array in descending order:
";
 print_r($arr);
 break;
 case 2:
 asort($arr);
 echo "Array in ascending order:
";
 print_r($arr);
 arsort($arr);
 echo "
Array in descending order:
";
 print_r($arr);
 break;
 case 3:
 print_r(array_filter($arr,'is_odd'));
 break;
}

```

```

 case 4:
 array_multisort($arr,0,$arr1,1,$arr2,0);
 print_r($arr);
 echo "
";
 print_r($arr1);
 echo "
";
 print_r($arr2);
 echo "
";
 break;
 case 5:
 print_r(array_merge($arr,$arr1));
 break;
 case 6:
 print_r(array_intersect($arr,$arr1));
 break;
 case 7:
 $union=array_merge($arr,$arr1);
 print_r(array_unique($union));
 break;
 case 8:
 print_r(array_diff($arr,$arr1));
 break;
 }

 echo "
 RETURN";
?>

</body>
</html>

```

) Create an array of 15 high temperatures, approximating the weather for a spring month, then find the average high temp, the five warmest high temps Display the result on the browser.

---

```

<?php

$month_temp = "78, 60, 62, 68, 71, 68, 73, 85, 66, 64, 76, 63, 81, 76, 73,
68, 72, 73, 75, 65, 74, 63, 67, 65, 64, 68, 73, 75, 79, 73";

$temp_array = explode(',', $month_temp);

$tot_temp = 0;

$temp_array_length = count($temp_array);

foreach($temp_array as $temp)
{
 $tot_temp += $temp;
}

$avg_high_temp = $tot_temp/$temp_array_length;

echo "Average Temperature is : ".$avg_high_temp."

```

```

";
sort($temp_array);
echo " List of five lowest temperatures :";
for ($i=0; $i< 5; $i++)
{
echo $temp_array[$i].", ";
}
echo "List of five highest temperatures :";
for ($i=($temp_array_length-5); $i< ($temp_array_length); $i++)
{
echo $temp_array[$i].", ";
}
?>

```

Q.1) Write a menu driven program to perform the following queue related operations

- a) Insert an element in queue
- b) Delete an element from queue

Display the code in PHP

```

$a=$_POST['op'];

$b=array(1,2,3,4,5,6,7,8,9);

switch($a)
{

case 1:

 print_r($b);

 array_push($b,10);

 echo"
";

 echo"After insert an element in stack:
";

 print_r($b);break;

```

case 2:

```
print_r($b);

array_pop($b);

echo"
";

echo"After delete an element from stack :
";

print_r($b);break;
```

case 3:

```
echo "Contents of stack.
";

print_r($b);break;
```

case 4:

```
print_r($b);

array_unshift($b,45);

echo"
";

echo"After insert an element in queue:
";

print_r($b);break;
```

case 5:

```
print_r($b);

array_shift($b);

echo"
";

echo"After delete an element in queue:
";

print_r($b);break;
```

case 6:

```
print_r($b);break;
```

```
}
```

```
?>
```

---

Contents of queue

Q.1) Write a menu driven program to perform the following stack related operations:

a) Insert an element in stack

b) Delete an element from stack

---

Display the contents of stack

```
<html>
<body>
<form method="POST" action="<?php echo $_SERVER['PHP_SELF']; ?>">
Select options:

<input type="radio" value="push" name="d1">Push</input>

<input type="radio" value="pop" name="d1">Pop</input>

<input type="radio" value="shift" name="d1">Shift</input>

<input type="radio" value="unshift" name="d1">Unshift</input>

<input type="submit">

</form>
<?php
echo "
Index ARRAY.....
";
$a = array(1,2,3,4,5,6,7);
print_r($a);
if($_SERVER["REQUEST_METHOD"] == "POST")
{
 $opt = $_POST['d1'];
 if($opt == 'push')
 {
 array_push($a,11);
 print_r($a);
 }
 else if($opt == 'pop')
 {
 array_pop($a);
 print_r($a);
 }
 else if($opt == 'shift')
 {
 array_shift($a);
 print_r($a);
 }
 else if($opt == 'unshift')
 {
 array_unshift($a,11);
 print_r($a);
 }
}
```

```
}
?>
```

Write a PHP program to read two file names from user and append content of first file into second file

```
<?php
$directory=$_GET['directory'];
$extension=$_GET['extension'];
if(!is_dir($directory))
{

 die("Invalid Directory Name: $directory");
}
$handle=opendir($directory);
echo "
Displaying files with extension: $extension";
$cnt=1;
while(($filename=readdir($handle))!==false)
{
 if(strstr($filename,$extension))
 {
 echo "
$cnt:$filename";
 $cnt++;
 }
}
closedir($handle);
?>
```

Write a menu driven program to perform various file operations. Accept filename from user.

[1

5]

- a) Display type of file.
- b) Display last modification time of file
- c) Display the size of file

---

Delete the file

```
<?php
```

```
$file=$_POST['file'];

$filel=$_POST['filel'];

$dir=$_POST['dir'];

$c=$_POST['b'];

$db=opendir($dir);

switch($c)

{

 case 1:

 $size=filesize("$file");

 echo "the size of file is:$size";

 break;

 case 2:

 $a=fileatime($file);

 echo "last accessed time of file is :$a
";

 $c=filectime($file);

 echo "last changed time of file $c";

 $m=filemtime($file);

 echo "last modified time of file $m";

 break;

 case 3:

 $o=fileowner($file);

 echo "owner of file is $o";

 break;
```



```

case 4:

 $t=filetype($file);

 echo "type of file is :$t";

 break;

case 5:

 copy("$file","$file1");

 echo"copy successfully";

 break;

case 6:

 while($a=readdir($db))

 {

 echo"$a
";

 }

 break;

default:"invalid choice";

}

?>

```

Consider the following entities and their relationship.

[1

5]Doctor ( doc\_no, dname, address ,city ,area)

Hospital (hosp\_no, hname, hcity)

Doctor-Hospital related with many-one relationship. Create a RDB in 3NF for above and solve the following.

Using above database write a script in PHP to print the Doctor visiting to the Hospital in tabularformat. Accept Hospital name from user.

---

<?php

```

$hname = $_GET['hname'];

$db = pg_connect("host=localhost dbname=Slips user=hp password= ");
if($db)
{
$query = "select * from doc where dno in(select dno from doc_hosp where hno in(select hno from hosp where hname='$hname'))";
$resultSet = pg_query($db,$query);
echo "<h1>Doctor from hospital $hname are ...</h1>";
echo "<table style=height:400;width:400; border=3>";
echo "<tr><th>Dno</th>";
echo "<th>Name</th>";
echo "<th>Address</th>";
echo "<th>City</th></tr>";
while(($row = pg_fetch_array($resultSet)) != null)
{
echo "<tr><td>".$row['dno']."</td>";
echo "<td>".$row['dname']."</td>";
echo "<td>".$row['addr']."</td>";
echo "<td>".$row['city']."</td></tr>";
}
echo "</table>";
}

?>

```

Write a PHP program to read two file names from user and copy the content of first file into second file

```

<?php
$myfile = fopen("newfile.txt", "w") or die("Unable to open file!");
$txt = "Mickey Mouse\n";
fwrite($myfile, $txt);
$txt = "Minnie Mouse\n";
fwrite($myfile, $txt);
fclose($myfile);
?>

```

---

Write a program to read a flat file “student.dat”, calculate the percentage and display the data from file in tabular format.(Student.dat file contains rollno, name, OS, WT, DS, Python, Java, CN )

Q.1) Consider the following entities and their relationships

[1

5]Event (eno , title , date )

Committee ( cno , name, head , from\_time ,to\_time , status)

Event and Committee have many to many relationship. Write a php script to accept title of event and modify status committee as working.

---

Q.1) <?php

```

$name = $_GET['hname'];

$db = pg_connect("host=localhost dbname=Slips user=hp password= ");
if($db)
{
$query = "select * from doc where dno in(select dno from doc_hosp where hno in(select
hno from hosp where
hname='$hname'))";
$resultSet = pg_query($db,$query);
echo "<h1>Doctor from hospital $hname are ...</h1>";
echo "<table style=height:400;width:400; border=3>";
echo "<tr><th>Dno</th>";
echo "<th>Name</th>";
echo "<th>Address</th>";
echo "<th>City</th></tr>";
while(($row = pg_fetch_array($resultSet)) != null)
{
echo "<tr><td>".$row['dno']. "</td>";
echo "<td>".$row['dname']. "</td>";
echo "<td>".$row['addr']. "</td>";
echo "<td>".$row['city']. "</td></tr>";
}
echo "</table>";
}

```

?> Consider the following entities and their relationships

[1

5]Student (Stud\_id,name,class)

Competition (c\_no,c\_name,type)

Relationship between student and competition is many-many with attribute rank and year.

Createa RDB in 3NF for the above and solve the following. Using above database write a script in PHPto accept a competition name from user and display information of student who has secured 1st rank in that competition.

---

```

<?php

```

```

$dept_name = $_POST['dept_name'];

```

```

$con = pg_connect("dbname=test");
if(!$con) {
echo 'Connection not established';
exit;
}

```

```

$dept_insert = "insert into dept values(1,'HR','1st Floor') ,(2, 'Comp sci', '2nd
floor'),(3,'Maths','2nd
Floor'),(4,'Electronics','3rd Floor')";

```

```

$res = pg_query($con,$dept_insert);

```

```

$emp_insert = "insert into employee values(1, 'abc','Pune','7894356','20000',1),(2,
'abc','Pune','7894356','10000', 1),(3,
'abc','Pune','7894356','30000',3),(4, 'abc','Pune','7894356','120000',2)";

```

```

$res1 = pg_query($con,$emp_insert);

```

```
$strQuery = "select max(salary), min(salary), sum(salary) from employee where d_no in(select
d_no from dept where
dname = '$dept_name')";
```

```
$result = pg_query($con,$strQuery);
```

```
$row = pg_fetch_row($result);
```

```
?>
<html>
<body>
<table>
<tr>
<th>Maximum salary</th>
<th>Minimum salary</th>
<th>Sum</th>
</tr>
<tr>
<td><?php echo $row[0];?></td>
<td><?php echo $row[1];?></td>
<td><?php echo $row[2];?></td>
</tr>
</table>
</body>
</html>
```