

1. Create a HTML document to display the following screen

1. Delhi

- New Delhi

2. Haryana

- Chandigarh

3. Gujrat

- Gandhinagar

4. Rajasthan

- Jaipur

5. Maharashtra

- Mumbai

6. Uttrarpradesh

- Lucknow

```
<html>
<title>SPR</title>
</head>
<body>
<ol>
<li> Delhi</li>
<ul>
<li> New Delhi</li>
</ul>
<li> Haryana</li>
<ul>
<li> Chandigarh</li>
</ul>
<li> Gujrat</li>
<ul>
<li> Gandhinagar</li>
</ul>
<li> Rajasthan</li>
<ul>
<li> Jaipur</li>
</ul>
<li> Maharashtra </li>
<ul>
<li> Mumbai</li>
</ul>
```

```

</li> Uttarpradesh</li>
</ul>
</li>Lucknow</li>
</ul>
</ol>
</body>
</html>

```

2. Create HTML5 page with following specifications

- 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>

```

3. Write HTML 5 code which generates the following output and display each element of list indifferent size, color & font. Use external CSS to format the list

- Non flowering plants
  - Fern
  - Spore
- Flowering plants
  - Lilly
  - Rose
    1. Red Rose
    2. Pink Rose

[illegible]

4. A 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

## Project Management

Project Name	<input type="text" value="project name"/>
Assigned to	<div>Er Merry Petision</div>
Start Date	<div>dd - mm - yyyy</div>
End Date	<div>dd - mm - yyyy</div>
Priority	<div><input checked="" type="radio"/> High <input type="radio"/> Average <input type="radio"/> Low</div>
Description	<div></div>

```

<html>
<head>
<style>
h1
{
    font-size:16pt;
    color:red;
}
body
{
    bgcolor:yellow;
    background-img:url("img.jpg");
}
</style>
</head>
<body>
<h1><u>Project Management Details</u></h1>
<script>
    $('#staDate').datepicker({
        onSelect: function(dateText,inst){
            $('#enDate').datepicker('option','minDate',new Date(dateText));
        }
    });
    $('#enDate').datepicker({
        onSelect: function(dateText,inst){
            $('#staDate').datepicker('option','maxDate',new Date(dateText));
        }
    });
</script>
<form>
Enter your name:
<input type="text" value=""><br><br>
<label for="ass">Assigned to </label>
<select name="person" id="person">
    <option value="Er MerryPetison">Er MerryPetison</option>
    <option value="Roger">Roger</option>
    <option value="Camela">Camela</option>
    <option value="David">David</option>
</select><br>
Start Date: <input type="date" id="staDate"><br>
End Date: <input type="date" id="enDate" ><br>
Priority: <input type="radio" name="high" value="High"> High
<input type="radio" name="avg" value="Average">Average
<input type="radio" name="low" value="Low">Low<br>
Description:<textarea name="desc" rows="10" cols="20"></textarea>
</form>

```

```
</body>
</html>
```

**5. Write a program using html with following CSS specifications**

- 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**

```
<html>
<head>
<title>Titan Fast Track</title>
</head>
<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> Fasttrack is fashion access retail brand in india.The Company was launched in 1998 as a sub
brand of Titan
Watches.In 2005,Fastrack was spun off as an independent brand targeting Fasttrack began
opening retail stores throughout
</p>
</body>
</html>
```

**6. Write a HTML code, which generate the following output**

Item No	Item Name	Price	
		Rs.	Paise

1	Programming in Python	500	50
2	Programming in Java	345	00

```

<html>
<head>
<style type="text/css">
body
{
    background-color:pink;
}
th
{
    color:blue;
}
</style>
</head>
<body>
<table border=1>
<tr>
<th rowspan="2">Item no</th>
<th rowspan="2">Item Name</th>
<th colspan="2">Price</th>
</tr>

<tr>
<th>Rs</th>
<th>Paise</th>
</tr>

<tr>
<td>1</td>
<td>Programming in Python</td>
<td>500</td>
<td>50</td>
</tr>

```

**7. Write the HTML code for generating the form as shown below.**

**Apply the internal CSS to following form change the font size of the heading to 16pt and change the color to red and also change the background color yellow and add background image.**

Operating System Information

Enter your name

Password

Which of the following Operating System have you used

☒ Linux ☒ Windows 10 ☒ Macintosh 8.0

Which of the Operating System do you like the best?

☐ Linux ☐ Windows 10 ☐ Macintosh 8.0

You have completed the form

```
<html>
<head>
<style>
h1
{
    font-size:16pt;
    color:red;
}
body
{
    bgcolor:yellow;
    background-img:url("img.jpg");
}
</style>
</head>
<body>
<h1>Operating System Information</h1>
<script>
function SignUp()
{
    document.write("you have completed the form")
}
</script>
<form>
Enter your name:
<input type="text" value=""><br><br>
```

Enter your name:

```
<input type="password" value=""> <br><br>
which of the following operationg systems have u used?<br>
<input type="checkbox" name="OsLinux" value="Linux" />
Linux
<input type="checkbox" name="OsWindows" value="Windows10" />
windows10
<input type="checkbox" name="OsMachintosh" value="Machintosh8.0" />
Machintosh8.0 <br>
which of the following operationg systems do u like the best?<br>
<input type="checkbox" name="OsLinux" value="Linux" />
Linux
<input type="checkbox" name="OsWindows" value="Windows10" />
windows10
<input type="checkbox" name="OsMachintosh" value="Machintosh8.0" />
Machintosh8.0<br>
<br>
<br>
<input type="submit" name="subbt" value="SignUp" onClick="SignUp()">
</form>
</body>
</html>
```

## **8. Write a JavaScript program to display a Multiplication table in tabular format using function.**

```
<html>

<body>

<h1>Multiplication Table</h1>

Enter a number:

<input type="text" id="num" /><br /><br />

Enter limit:

<input type="text" id="limit" />

<input type="button" value="Find" onClick="multiply()" />

<p id="result"></p>

<script>
```



```

function multiply()
{
    var n = document.getElementById('num').value;
    var l = document.getElementById('limit').value;
    var out = "";
    for (var i = 1; i <=l; i++)
    {
        out = out + i + " * " + n + " = " + i * n + "<br/>";
    }
    document.getElementById("result").innerHTML = out;
}
</script>
</body>
</html>

```

## 9. Write a Java Script to accept email address from user and count no. of @occurrences and number of DOT(.) occurrences

### HTML file :

```

<html>
<head>
<style>
span
{
    color: red;
    font-size: 25px;
}
</style>

<script type="text/javascript" >
    function count()
    {
        var ob=false;
        ob=new XMLHttpRequest();

        var eid=document.getElementById("eid").value;

```

```

        ob.open("GET","slip10_Q1.php?emailid="+eid);
        ob.send();

        ob.onreadystatechange=function()
        {
            if(ob.readyState==4 && ob.status==200)
                document.getElementById("i").innerHTML=ob.responseText;
        }
    }
</script>
</head>

<body>
<center>
<br>Email ID :<input type="text" name="eid" id="eid">
<br><input type="button" value="Show" onclick="count()" >
<br><br><span id="i"></span>
</center>
</body>
</html>

```

#### PHP file :

```

<?php
    $eid=$_GET['emailid'];
    $cnt_1 = substr_count($eid,"@");
    $cnt_2 = substr_count($eid,".");
    echo "total count of @ is $cnt_1 and total count of .(dot) is $cnt_2";
?>

```

**10. Write a PHP program to accept the customer name user and do the following**

**a) Transform Customer Name all Upper Case letters.**

**b) Make First character to uppercase.**

```

<html>
<body>
<form method="POST" action="customername.php">
Enter Customer Name:<input type="text" name="name"><br><br>
<input type="radio" name="option" value="1">Tranform all to uppercase<br><br>
<input type="radio" name="option" value="2">Make First Character to
uppercase<br><br>
<input type="submit">
</form>
</body>
</html>

```

```

<?php
$name=$_POST['name'];
$choice=$_POST['option'];

```

```

switch($choice)
{
case 1: echo "<h2>After Tranforming $name to uppercase</h2><br>";
echo "<b>".strtoupper($name)."</b>";
break;
case 2: echo "<h2>After Making $name first character to upper</h2><br>";
echo "<b>".ucfirst($name)."</b>";
break;
default : echo "Please choose one operation";
}
?>

```

11. Write a PHP Script to read 'BOOK.xml' file and print specific content of a file using DOM Document parser. 'Book.xml' file should contain following information with at least 5 records with values.

Book Info, Book NO, Book Name, Author Name, Price, Year.

```

<?xml version="1.0" encoding="UTF-8"?>

<bookstore>

<book category="COOKING">
  <title lang="en">Everyday Italian</title>
  <author>Giada De Laurentiis</author>
  <year>2005</year>
  <price>30.00</price>
</book>

<book category="CHILDREN">
  <title lang="en">Harry Potter</title>
  <author>J K. Rowling</author>
  <year>2005</year>
  <price>29.99</price>
</book>

<book category="WEB">
  <title lang="en">XQuery Kick Start</title>
  <author>James McGovern</author>
  <author>Per Bothner</author>
  <author>Kurt Cagle</author>
  <author>James Linn</author>
  <author>Vaidyanathan Nagarajan</author>
  <year>2003</year>
  <price>49.99</price>
</book>

<book category="WEB">
  <title lang="en">Learning XML</title>

```

```

    <author>Erik T. Ray</author>
    <year>2003</year>
    <price>39.95</price>
</book>

</bookstore>

<html>
<body>

<?php
$xml=simplexml_load_file("book.xml");
echo $xml->getName() . "<br>";

foreach($xml->children() as $child)
{
    echo $child->getName() . ": " . $child . "<br>";
}
?>

</body>
</html>

```

**12. Design a HTML form to accept a string. Write a PHP script for the following.**

**a. Write a function to count the total number of Vowels from the script.**

**b. Show the occurrences of each Vowel from the script.**

```

<html>
<body>
<form method="GET" action="vowel.php">
Enter the String : <input type="text" name="inputStr"><br>
<input type="submit" name="Submit">
</form>
</body>
</html>

<?php

$string = $_GET['inputStr'];

$vowels = array("a"=>0,"e"=>0,"i"=>0,"o"=>0,"u"=>0);

```

```

for($i=0; $i<strlen($string); $i++) {
if(strtolower($string[$i]) == 'a') {
++$cnt;
++$vowels['a'];
}
if(strtolower($string[$i]) == 'e') {
++$cnt;
++$vowels['e'];
}
if(strtolower($string[$i]) == 'i') {
++$cnt;
++$vowels['i'];
}
if(strtolower($string[$i]) == 'o') {
++$cnt;
++$vowels['o'];
}
if(strtolower($string[$i]) == 'u') {
++$cnt;
++$vowels['u'];
}
}

echo "<h1>Total number of vowels found : ".$cnt."<h1>";
echo "Occurence of 'a' : ".$vowels['a']."<br>";
echo "Occurence of 'e' : ".$vowels['e']."<br>";
echo "Occurence of 'i' : ".$vowels['i']."<br>";
echo "Occurence of 'o' : ".$vowels['o']."<br>";
echo "Occurence of 'u' : ".$vowels['u']."<br>";
$str=strrev($string);
$a=strlen($string);
$f=0;
for($j=0;$j<$a;$j++)
{
    if($str[$j]==$string[$j])
    {
        $f=0;
    }
    else
    {
        $f=1;
        break;
    }
}

```

```

if($f==0)
{
    echo"string is palindrome";
}
else
{
    echo"string is not palindrome";
}
?>

```

**13. Write a PHP program following Design a form to accept a string and check whether the given string is Palindrome or not. (Without using any library function)**

```

<?php
function Palindrome($MyString) {
    $l = 0;
    $r = strlen($MyString) - 1;
    $flag = 0;

    while($r > $l){
        if ($MyString[$l] != $MyString[$r]){
            $flag = 1;
            break;
        }
        $l++;
        $r--;
    }

    if ($flag == 0){
        echo $MyString." is a Palindrome string.\n";
    } else {
        echo $MyString." is not a Palindrome string.\n";
    }
}

Palindrome("radar");
Palindrome("rubber");
Palindrome("malayalam");
?>

```

**14. Write a script to create XML file as 'Employee.xml'. The element of this xml file are as follows:**

```
<Empdetails>
  <Employee EMPno= Empname=>
    <Salary> </Salary>
    <Designation> </Designation>
  </Employee>
</Empdetails>
```

```
<?xml version="1.0" encoding="UTF-8"?>
<empdetails>
<employee>
  <empno>1</empno>
  <empname>Sanket</empname>
  <salary>20000</salary>
  <designation>Clerk</designation>
</employee>
<employee>
  <empno>2</empno>
  <empname>Shubham</empname>
  <salary>30000</salary>
  <designation>Manager</designation>
</employee>
<employee>
  <empno>3</empno>
  <empname>Abhilash</empname>
  <salary>500000</salary>
  <designation>CEO</designation>
</employee>
</empdetails>
```

```
<?php
$xml=simplexml_load_file("Employee.xml");
echo "<h2>Details of employees</h2>";
echo "<table border=1>";
echo "<tr>";
echo "<td>Employee No</td><td>Employee
Name</td><td>Salary</td><td>Designation</td>";
echo "</tr>";
foreach($xml->employee as $emp)
{
  echo "<tr>";
  echo "<td>$emp->empno</td><td>$emp->empname</td><td>$emp-
>salary</td><td>$emp->designation</td>";
  echo "</tr>";
}
```

```
}  
echo "</table>";  
?>
```

**15. Create a HTML form that accept user email. Write a PHP program to check whether user email address contain @ symbol or not. Display proper message**

HTML file :

```
<html>  
<body>  
<form action=slip9_Q1.php method=get>  
<center>  
<br>Email ID :<input type=text name=eid>  
<br><input type=submit value=Show>  
</center>  
</form>  
</body>  
</html>
```

PHP file :

```
<?php  
    $eid=$_GET['eid'];  
    $e=explode('@',$eid);  
  
    if (count($e)>=2)  
        echo "<br>Email id contains @ symbol ";  
    else  
        echo "<br>email id does not contains @ symbol";  
  
?>
```

**16. Write a PHP script to accept the number from user and write a function to calculate the factorial of a given number ( non-negative integer). The function accept the number as argument**

```
<?php  
function factorial_of_a_number($n)  
{  
    if($n ==0)  
    {  
        return 1;  
    }  
}
```



```

else
{
    return $n * factorial_of_a_number($n-1);
}
}
print_r(factorial_of_a_number(4)."\n");
?>

```

### 17. Write a PHP script for the following:

**Design a form to accept the details of 5 different items such as Item code, Item Name, unit, sold and Rate. b) Display the bill in tabular format. Use only 4 textboxes. [Use explode]**

#### HTML file :

```

<html>
<head>
<style>
table {
    border-collapse: collapse;
}

table, th, td {
    border: 1px solid blue;
}
</style>
</head>
<body>
<form method="post" action="slip6_Q2.php">
<center><h1>Enter details of 5 Items </h1>
<h3>item code <input type="text" name="itemcode" placeholder="ex 11,12,13,14,15" /></h3>
<h3>item name <input type="text" name="itemname" /></h3>
<h3>units sold <input type="text" name="unitssold" /></h3>
<h3>rate <input type="text" name="rate" /></h3>
<input type="submit" value="Submit"/>
</center>
</form>
</body>
</html>

```

#### PHP file :

```

<?php
$itemcode = $_POST['itemcode'];
$itemname = $_POST['itemname'];
$unitssold = $_POST['unitssold'];
$rate = $_POST['rate'];

$_code = explode(',', $itemcode);

```

```

$_name = explode(',', $itemname);
$_unit = explode(',', $unitsold);
$_rate = explode(',', $rate);

$_amt =
(($_unit[0]*$_rate[0])+($_unit[1]*$_rate[1])+($_unit[2]*$_rate[2])+($_unit[3]*$_rate[3])+($_unit[4]
*$_rate[4]));

echo "<table align=center border=1>";
echo "<tr><td> <b>Item Code</b> </td><td> <b>Item Name</b> </td><td><b> Units
Sold</b> </td><td> <b>Rate </b></td></tr>";
echo
"<tr><td>".$_code[0]."</td><td>".$_name[0]."</td><td>".$_unit[0]."</td><td>".$_rate[0]."</td></tr>"
;
echo
"<tr><td>".$_code[1]."</td><td>".$_name[1]."</td><td>".$_unit[1]."</td><td>".$_rate[1]."</td></tr>"
;
echo
"<tr><td>".$_code[2]."</td><td>".$_name[2]."</td><td>".$_unit[2]."</td><td>".$_rate[2]."</td></tr>"
;
echo
"<tr><td>".$_code[3]."</td><td>".$_name[3]."</td><td>".$_unit[3]."</td><td>".$_rate[3]."</td></tr>"
;
echo
"<tr><td>".$_code[4]."</td><td>".$_name[4]."</td><td>".$_unit[4]."</td><td>".$_rate[4]."</td></tr>"
;
echo "<tr><th colspan=4></th></tr>";
echo "<tr><th colspan=3>Total amount </th><td>".$_amt."</td></tr>";
echo "</table>";

?>

```

## 18. Write a script to create XML file 'University.xml'.

The element details of 'University.xml'

Are as follows:

```

<Univ>
  <Uname>          </Uname>
  <CITY>           </CITY>
  <Rank>           <</Rank>
</Univ>

```

a) Store the details of at least 3 universities.

b) Link the 'University.xml' file to CSS and get well formatted output as given below.

i) Uname :

Color : black;

Font-family:

copperplate G0thic

Light;

**Font size: 16pt;**  
**Font:Bold;**

**ii) City**  
**and**  
**Rank**  
**Color:**  
**Yellow;**  
**Font-**  
**family:**  
**Arial;**  
**Font-**  
**size :**  
**12pt;**  
**Font: Bold;**

```
uname
{
color:black;
font-family:copperplate Gothic Light;
font-size:16 pt;
font:bold;
}
city
{
    color:yellow;
    font-family:Arial;
    font-size:12 pt;
    font:bold;
}
rank
{
    color:yellow;
    font-family:Arial;
    font-size:16 pt;
    font:bold;
}
```

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/css" href="university.css"?>
<university>
<univ>
<uname>Pune University</uname>
```

```

<city>Pune</city>
<rank>2</rank>
</univ>
<univ>
<uname>Kolhapur University</uname>
<city>Kolhapur</city>
<rank>4</rank>
</univ>
</university>

```

## 19. Write a java script function to Accept First Name and Last Name from user. Display users entered information.[ Hint: use alert and prompt dialogbox]

### HTML file :

```

<html>
<script type="text/javascript">
    function display()
    {
        var ob=false;
        ob=new XMLHttpRequest();
        var fnm=document.getElementById("fnm").value;
        var lnm=document.getElementById("lnm").value;

        ob.open("GET","slip1.php?fnm="+fnm+"&lnm="+lnm);
        ob.send();

        ob.onreadystatechange=function()
        {
            if(ob.readyState==4 && ob.status==200)
            {
                if(ob.responseText==2)
                    document.getElementById("i").innerHTML="Fill The Text
Boxes";
                else
                {
                    alert(ob.responseText);

                    document.getElementById("i").innerHTML=ob.responseText;
                }
            }
        }
    }
</script>

<body>
Enter First name<input type="text" name="fnm" id="fnm"><br>
Enter last name<input type="text" name="lnm" id="lnm"><br>
<input type="submit" value="SUBMIT" onclick="display()"><br>
<span id="i"></span>

```

```
</body>
</html>
```

**PHP file :**

```
<?php
$fnm = $_GET['fnm'];
$lnm = $_GET['lnm'];
if((!empty($fnm)) && (!empty($lnm)))
{
    echo "First Name is $fnm<br>";
    echo "Last Name is $lnm";
}
else echo "2";
?>
```

**20. Write a PHP program to define Interface shape which has two method as area() and volume ().**

**Define a constant PI. Create a class Cylinder implement this interface and calculate area and Volume**

```
<?php
    interface Cyl
    {
        function area();
        function volume();
    }

    class Cylinder implements Cyl
    {
        public $PI=3.14;
        public $a;
        public $r;
        public $h;
        function __construct($r,$h)
        {
            $this->r=$r;
            $this->h=$h;
        }

        function area()
        {
            $this->a=2*$this->PI*($this->h*$this->r);
            echo"Area of Cylinder= ".$this->a."<br>";
        }

        function volume()
        {
            $this->a=$this->PI*$this->r*$this->r*$this->h;
            echo"Volume of Cylinder= ".$this->a."<br>";
        }
    }
}
```

```
}  
$c=new Cylinder(10,7);  
$c->area();  
$c->volume();  
?>
```

**21.Design HTML form, accept student Name, Age, and Mobile No. from user.**

**Using java Script validate for following**

**a) Student Name should not be empty.**

**Student Age must be between 1 to 20.**

**HTML file :**

```
<html>  
<head>  
<style>  
span  
{  
    color: red;  
    font-size: 15px;  
    float: right;  
}  
</style>  
<script type="text/javascript" >  
    function val_stud_name(inputfield,helpertext)  
    {  
        if(inputfield.value.length == 0)  
        {  
            if(helpertext != null)  
            {  
                helptext.innerHTML= "* Student name should not be empty";  
            }  
            return false;  
        }  
        else  
        {  
            if (helpertext != null)  
            helptext.innerHTML = "";  
            return true;  
        }  
    }  
  
    function val_stud_age(inputfield,helpertext)  
    {  
        if(1 >= inputfield.value || inputfield.value >= 20)  
        {  
            if(helpertext != null)  
            {  
                helptext.innerHTML= "* Age must be between 1 to 20";  
            }  
            return false;  
        }  
    }  
}
```

```

    }
    else if(1 <= inputfield.value || inputfield.value <= 20)
    {
        if (helptext != null)
            helptext.innerHTML = "";
        return true;
    }
}

</script>
</head>
<body>
<table align="center">
<tr>
<td><label>Name</label></td>
<td><input type="text" placeholder="Enter your name here" name="s_name" id="s_name"
onblur="val_stud_name(this,document.getElementById('s_nm'));"></td>
</tr>
<tr><td></td><td><span id="s_nm"></span></td></tr>

<tr>
<td><label>Age</label></td>
<td><input type="text" placeholder="Enter your age here" name="age" id="age"
onblur="val_stud_age(this,document.getElementById('s_age'));"></td>
</tr>
<tr><td></td><td><span id="s_age"></span></td></tr>

<tr>
<td><label>Mobile no </label></td>
<td><input type="text" placeholder="Enter your mob here" name="s_mob" id="s_mob"
onblur="val_nonEmpty(this,document.getElementById('s_mob'));"></td>
</tr>
<tr><td></td><td><span id="s_mob"></span></td></tr>

<tr><th colspan="2"><input type="submit" value="Submit"><input type="RESET"
value="Reset"></th></tr>
</table>
</body>
</html>

```

**22. Write a PHP script to sort the following associative array :**

**array("Sagar"=>"31","Vicky"=>"41","Leena"=>"39","Ramesh"=>"40")  
in**

**a) ascending order sort by Value**

**b) ascending order sort by Key**

**c) descending order sorting by Value**

**descending order sorting by Key**

```

<?php
echo "
Associative array : Ascending order sort by value
";
$array2=array("Sagar"=>"31","Vicky"=>"41","Leena"=>"39","Ramesh"=>"40");
asort($array2);
foreach($array2 as $y=>$y_value)
{
echo "Age of ".$y." is : ".$y_value."
";
}
echo "
Associative array : Ascending order sort by Key
";
$array3=array("Sagar"=>"31","Vicky"=>"41","Leena"=>"39","Ramesh"=>"40");
ksort($array3);
foreach($array3 as $y=>$y_value)
{
echo "Age of ".$y." is : ".$y_value."
";
}
echo "
Associative array : Descending order sorting by Value
";

```

```

$age=array "Sagar"=>"31" "Vicky"=>"41" "Leena"=>"39" "Ramesh"=>"40"
    $age
foreach $age as $y=>$y_value

echo "Age of ".$y." is : ".$y_value."
"

echo "
Associative array : Descending order sorting by Key
"

```



```

$array4=array("Sagar"=>"31","Vicky"=>"41","Leena"=>"39","Ramesh"=>"40");
krsort($array4);
foreach($array4 as $y=>$y_value)
{
    echo "Age of ".$y." is : ".$y_value."
";
}
?>

```

## 23. Write a PHP script to perform the following operations on stack

- i. Insert an element in stack
- ii. Delete an element from stack
- iii. Display the contents of stack

```

<html>
<body>
<form method="POST" action="menustack.php">
<h2>Operations on stack</h2><br>
Enter value:<input type="text" name="str"><br><br>
<input type="radio" value=1 name="option">Insert Element<br><br>
<input type="radio" value=2 name="option">Delete Element<br><br>
<input type="radio" value=3 name="option">Display Contents<br><br>
<input type="submit">
</form>
</body>
</html>

```

```

<?php
$s=$_POST['str'];
$choice=$_POST['option'];
$arr=array(' sanket','shubham ');
switch($choice)
{
    case 1: if($s!=null)
        {
            for($i=0;$i<strlen($s);$i++)
            {
                array_push($arr,$s[$i]);
            }
        }
    echo "<h2>After adding element stack is</h2><br>";
}

```

```

        print_r($arr);
break;
case 2: if($s!=null)
    {
        for($i=0;$i<strlen($s);$i++)
        {
            array_pop($arr,$s[$i]);
        }
    }
break;
case 3: echo "<h2>The Content of stack is</h2><br>";
if($s!=null)
    {
        for($i=0;$i<strlen($s);$i++)
        {
            echo array_pop($arr);
        }
    }
break;
}
?>

```

## 24. Write a java script function to display Clock in the textbox

```

<html>
<body>
<table border=1>
<tr><td><p id="demo"></p></td></tr>
</table>
<script>
document.getElementById("demo").innerHTML = Date();
</script>
</body>
</html>

```

## 25. Write a script to create XML file as ‘Course.xml’. The element of this xml file are as follows [Store the details of 5 different course]

```

<course>
  <compsci>
    <sname>    </sname>
    <class>    </class>
    <ptage>    </ptage>
  </compsci>
</course>

```

```

<?xml version="1.0" encoding="utf-8"?>
<course>
<computerscience>
<studentname>samir Thorat </studentname>
<classname>BCA. </classname>
<percentage>60 </percennatage>
</computerscience>

<computerscience>
<studentname>sunil kamble </studentname>
<classname>BBA. </classname>
<percentage>55 </percennatage>
</computerscience>
<computerscience>
<studentname>anil kamble </studentname>
<classname>BCS. </classname>
<percentage>60 </percennatage>
</computerscience>

<computerscience>
<studentname>asha kamble </studentname>
<classname>MCA. </classname>
<percentage>65 </percennatage>
</computerscience>

<computerscience>
<studentname>madhuri </studentname>
<classname>MCS. </classname>
<percentage>70 </percennatage>
</computerscience>
</course>

```

**26. Write a menu driven program to perform the following operations on an associative array**

- a. Reverse the order of each element's key-value pair.
- b. Traverse the element in an array in random order.
- c. Convert the array elements into individual variables.

**Display the elements of an array along with key**

### **HTML File:**

```
<html/>
<form action='ass2a1.php' method='post'>
<pre>  <h3>OPERATIONS</h3>

        1<input type='radio' name='a' value='1'>Display.<br>
        2<input type='radio' name='a' value='2'>size.<br>
        3<input type='radio' name='a' value='3'>delete.<br>
        4<input type='radio' name='a' value='4'>reverse.<br>
        5<input type='radio' name='a' value='5'>traverse.<br>
        <input type='submit' value='ok'>      <input type='reset' value='cancel'><br>
</pre>
</form>
</body>
</html>
```

### **PHP Function:**

**NOTE: PHP function is saved as "ass2a1.php"**

```
<?php
$array=array('zero'=>0,'one'=>1,'two'=>2,'three'=>3,'four'=>4,'five'=>5);
$ch=$_POST['a'];
switch($ch)
{
case 1:foreach($array as $key=>$value)
    {
        echo"key:$key    val:$value.<br>";
    }break;
case 2:echo sizeof($array);
    break;
case 3 :
    $len=sizeof($array);
    array_splice($array,$len);
    print_r( $array);
    break;
case 4 :
    print_r(array_flip($array));
    break;
case 5 :
    shuffle($array);
    print_r($array);
    break;

}

?>
```

**27. 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.**
- c) Filter the even elements from an array**

**HTML File:**

```
<html>

<body bgcolor="skyred">
<form action="a2c2.php" method="post">
<h2>Enter choice :</h2>
<input type="radio" name="ch" value=1> Sort array by values in ascending,descending order<br>
<input type="radio" name="ch" value=2> Sort array by values without changing key values <br>
<input type="radio" name="ch" value=3> Filter even elements from array <br>
<input type="submit" value="SUBMIT"> <input type="reset" value="CLEAR">

</body>

</html>
```

**PHP Function:**

**NOTE: PHP function is saved as "ass2a1.php"**

```
<html>
<body bgcolor="gold">

<?php
function is_even($var)
{
if($var%2==0)
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($arr);
        echo "Array in ascending order:<br>";
        print_r($arr);
        rsort($arr);
        echo "<br>Array in descending order:<br>";
        print_r($arr);
        break;
    case 2:
```

```

        asort($arr);
        echo "Array in ascending order:<br>";
        print_r($arr);
        arsort($arr);
        echo "<br>Array in descending order:<br>";
        print_r($arr);
        break;
    case 3:
        print_r(array_filter($arr,'is_even'));
        break;
}

    echo "<br><a href ='a2c2.html'> RETURN</a>";
?>
</font>
</body>
</html>

```

**28. Write a HTML script to design the following screen**

<b>This is a header.</b>	
Look in the box at the right for some information.	Here is some information.
<b>This is a footer.</b>	

**29. Write a menu driven program the following operation on an associative array**

- a) Reverse the order of each element's key-value pair.**
- b) Traverse the element in an array in random order.**

**HTML file :**

```
<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 file :**

```
<?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;
    }
?>
```

**30. Write a PHP script to design a form to accept two strings( one smaller than other) from the user. Find whether the smallest string appear at the start of the larger string. Provide textbox to accept the string that will replace all occurrences of smaller string present in larger string**

**HTML File:**

```
<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>Occurence.
      <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 Function:

**NOTE: PHP function is saved as "ass1b2.php"**

```
<?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>";
    }
}
}

```

?>