

B21DC5.5 WEB PROGRAMMING LAB

- 1) Write a PHP program to compute the sum of the prime numbers less than 100.

```
<?php
    $sum = 0;
    for($i=1;$i<100;$i++)
    {
        for($j=2;$j<$i;$j++)
        {
            $rem = $i%$j;
            if($rem == 0)
                break;
        }
        if($j==$i)
            $sum = $sum + $i;
    }
    echo "Sum of prime numbers upto 100 is $sum";
?>
```

Output

Sum of prime numbers upto 100 is 1060

2) Write a PHP program to sort an array.

```
<?php
    $arr = [];

    $n = readline("Enter the number of element : ");
    for ($i = 0; $i < $n; $i++) {
        $ele = readline("Enter an element : ");
        array_push($arr, $ele);
    }
    echo "Original Array : \n";
    print_r($arr);

    echo "Ascending Order : \n ";
    sort($arr);
    print_r($arr);

    echo "Descending Order : \n";
    rsort($arr);
    print_r($arr);
?>
```

Output:

```
C:\xampp\php>php ArraySort.php
Enter the number of element : 5
Enter an element : 65
Enter an element : 34
Enter an element : 12
Enter an element : 76
Enter an element : 39
Original Array :
Array
(
    [0] => 65
    [1] => 34
    [2] => 12
    [3] => 76
    [4] => 39
)
```

Ascending Order :

Array

```
(  
  [0] => 12  
  [1] => 34  
  [2] => 39  
  [3] => 65  
  [4] => 76
```

```
)
```

Descending Order :

Array

```
(  
  [0] => 76  
  [1] => 65  
  [2] => 39  
  [3] => 34  
  [4] => 12
```

```
)
```

3) Write a PHP script that inserts a new item in an array in any position.

```
<?php
    $arr = [12, 56, 32, 89, 21];
    echo "Original Array : \n";
    print_r($arr);

    $ele = readline("Enter the new element to insert : ");
    $pos = readline("Enter the position to enter $ele in the array : ");

    array_splice($arr, $pos-1, 0, $ele);

    echo "Array after insertion : \n";
    print_r($arr);
?>
```

Output

```
C:\xampp\php>php ArrayInsertion.php
Original Array :
Array
(
    [0] => 12
    [1] => 56
    [2] => 32
    [3] => 89
    [4] => 21
)
Enter the new element to insert : 46
Enter the position to enter 46 in the array : 2
Array after insertion :
Array
(
    [0] => 12
    [1] => 46
    [2] => 56
    [3] => 32
    [4] => 89
    [5] => 21
)
```

- 4) Write a PHP program that displays a different message based on time of day. For example, a page should display “Good Morning” if it is accessed in the morning.

```
<?php
date_default_timezone_set('Asia/Kolkata');
$ti = date("G");

if($ti >= 5 && $ti < 12)
    echo "Good Morning";
else if($ti > 12 && $ti < 15)
    echo "Good Afternoon";
else if($ti >= 16 && $ti < 21)
    echo "Good Evening";
else
    echo "Good Night";

echo "<br />Time (in 24hr format): $ti";
?>
```

Output:

Good Morning
Time (in 24hr format): 10

- 5) Write a PHP program to store current date-time in a COOKIE and display the 'Last visited on' date-time on the web page upon reopening of the same page.

```
<?php
    date_default_timezone_set('Asia/Kolkata');
    if(!isset($_COOKIE['visited']))
    {
        echo "New Visit!";
        setcookie('visited', date('j/m/Y H:i:s a'), time() + 3600);
    }
    else
    {
        echo "Last Visited on ".$_COOKIE['visited'];
        setcookie('visited', date('j/m/Y H:i:s a'));
    }
?>
```

Output 1:

New Visit!

Output 2 (on refreshing the page):

Last Visited on 23/11/2023 09:57:00 am