

**2. Write a PHP script to find odd or even number from given number.**

```
<?php
$no = (int)readline("Enter an Integer:");
if ($no % 2 == 0)
{
    echo "The number ",$no," is Even";
}
else
{
    echo "The number ",$no," is Odd";
}
?>
```

**3. Write a PHP script to find maximum of three numbers.**

```
<?php
$a=(int)readline("Enter the value of a: ");
$b=(int)readline("Enter the value of b: ");
$c=(int)readline("Enter the value of c: ");
if($a>$b && $a>$c)
    echo $a, " is Maximum";
else if($b>$c)
    echo $b, " is Maximum";
else
    echo $c, " is Maximum";
?>
```

**4. Write a PHP script to swap two numbers.**

```
<?php
$a = (int)readline("Enter the first number:");
$b = (int)readline("Enter the second number:");
echo "\nBefore Swapping: \n A=", $a, " B=", $b;
$t=$a;
$a=$b;
$b=$t;
echo "\n\nAfter Swapping: \n A=", $a, " B=", $b;
?>
```

**5. Write a PHP script to find the factorial of a number.**

```
<?php
$n = (int)readline("Enter a number to find Factorial:");
$f=1;
for ($i=1;$i<=$n;$i++)
    $f=$f*$i;
echo "Factorial of ", $n, " is: ", $f;
?>
```

**6. Write a PHP script to reverse a given number and calculate its sum of digits.**

```
<?php
$n = (int)readline("Enter a number:");
$rev=0;
$sum=0;
$num=$n;
while($n>0)
{
    $d=$n%10;
    $rev=($rev*10)+$d;
    $sum=$sum+$d;
    $n=(int)($n/10);
}
echo "\nReversed value of ",$num, " is: ",$rev;
echo "\nSum of Digits of ",$num, " is: ",$sum;
?>
```

**7. Write a PHP script to check whether given number is palindrome or not.**

```
<?php
$n = (int)readline("Enter a number:");
$rev=0;
$sum=0;
$num=$n;
while($n>0)
{
    $d=$n%10;
    $rev=($rev*10)+$d;
    $n=(int)($n/10);
}
if ($rev==$num)
    echo "The number ", $num, " is a Palindrome";
else
    echo "The number ", $num, " is Not a Palindrome";
?>
```

**8. Write a PHP script to generate a Fibonacci series using Recursive function**

```
<?php
```

```
function fibonacci($n) {  
    if ($n <= 0) {  
        return 0;  
    } elseif ($n == 1) {  
        return 1;  
    } else {  
        return (fibonacci($n - 1) + fibonacci($n - 2));  
    }  
}  
  
$num = 10;  
echo "Fibonacci series for $num numbers: ";  
for ($i = 0; $i < $num; $i++) {  
    echo fibonacci($i) . " ";  
}  
?>
```

**9. Write a PHP script to implement atleast seven string functions.**

```
<?php
$string = "Hello, World! This is a PHP string functions demonstration.";
$length = strlen($string);
echo "1. Length of the string: $length\n";
$replaced = str_replace("World", "PHP", $string);
echo "2. Replaced string: $replaced\n";
$supper = strtoupper($string);
echo "3. Uppercase string: $supper\n";
$lower = strtolower($string);
echo "4. Lowercase string: $lower\n";
$substring = substr($string, 7, 5);
echo "5. Substring: $substring\n";
$position = strpos($string, "PHP");
echo "6. Position of 'PHP' in the string: $position\n";
$reversed = strrev($string);
echo "7. Reversed string: $reversed\n";
?>
```

**10. Write a PHP program to insert new item in array on any position in PHP**

```
<?php
$arr = array(1, 2, 3, 4, 5);
echo "\nArray before inserting new element: ";
foreach ($arr as $x)
    echo "$x ";
echo "\n";
$value =(int)readline("Enter the New Value to be inserted: ");
$pos =(int)readline("Enter the Position to be inserted: ");
array_splice($arr, $pos, 0, $value);
echo "\nArray after inserting new element: ";
foreach ($arr as $x)
    echo "$x ";
?>
```

## 11. Write a PHP script to implement constructor and destructor.

```
<?php
class Person
{
    private $fname;
    private $lname;
    public function __construct($fname, $lname)
    {
        echo "\nInitialising the object...";
        $this->fname = $fname;
        $this->lname = $lname;
    }
    public function __destruct()
    {
        echo "\n\nDestroying Object...\n";
    }
    public function showName()
    {
        echo "\n\tMy name is: " . $this->fname . " " . $this->lname;
    }
}

$fname=readline("Enter the first name: ");
$lname=readline("Enter the last name: ");
$p = new Person($fname, $lname);
$p->showName();
?>
```



## 12. Write a PHP script to implement form handling using get method

```
<html>

<body>

<form action="GetDemo.php" method="get">
Name :<input type="text" name="name"><br>
E-Mail :<input type="text" name="email"><br>
<input type="submit">

</form>

</body>

</html>
```

PHP File

```
<?php
echo "Hi ",$_GET['name'], "<br>";
echo "Your email address is:" , $_GET['email'];
?>
```

### 13. Write a PHP script to implement form handling using post method.

#### HTML File

```
<html>

<body>

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

Username:<input type="text" name="uname"><br>

Password      :<input type="password" name="pwd"><br>

<input type="submit" value="Login">

</form>

</body>

</html>
```

#### PHP File

```
<?php

if ($_POST['uname']=="Frank" && $_POST['pwd']=="Welcome")

    echo "Login Successful";

else

    echo "Login Unsuccessful. Username or Password is Incorect";

?>
```

**14. Write a PHP script that receive form input by the method post to check the number is prime or not**

**HTML Code**

```
<html>

<body>

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

Ener a Number to Check Prime:<input type="text" name="Prime"><br>

<input type="submit" value="CHECK">

</form>

</body>

</html>
```

**PHP Code**

```
<?php

$n=$_POST['Prime'];

$flag=0;

for($i=2;$i<=$n/2;$i++)

{ if($n % $i==0)

{

$flag=1;

break;

}

}

if($flag==0)

echo $n, " is Prime";

else

echo $n, " is Not Pime";

?>
```

### 15. Write a PHP script that receive string as a form input

#### HTML Code

```
<html>
<body>
<form action="String.php" method="get">
Enter a String :<input type="text" name="str">
<input type="submit" value="Display">
</form>
</body>
</html>
```

#### PHP Code

```
<?php
echo "The entered String is: ",$_GET['str'];
?>
```

**16. Write a PHP script to compute addition of two matrices as a form input.**

```
<?php
echo "<form method='get'>
<input type='submit' name='submit' value='MATRIX ADDITION'>
</form>";
if(isset($_GET['submit']))
{
    $a=array(
        array(1,2,3),
        array(1,2,3),
        array(1,2,3)
    );
    $b=array(
        array(1,2,3),
        array(1,2,3),
        array(1,2,3)
    );
    print "\n Matrix 1: <br>";
    for($i=0;$i<3;$i++)
    {
        for($j=0;$j<3;$j++)
        {
            echo $a[$i][$j]," ";
        }
        echo "<br>";
    }
    echo "\n Matrix 2: <br>";
    for($i=0;$i<3;$i++)
    {
        for($j=0;$j<3;$j++)
        {
```

```

        echo $b[$i][$j]," ";
    }
    echo "<br>";
}
$sum=array();
echo "\n Sum of Matrices: <br>";
for($i=0;$i<3;$i++)
{
    for($j=0;$j<3;$j++)
    {
        echo $a[$i][$j]+$b[$i][$j]," ";
    }
    echo "<br>";
}
}
?>

```

**17. Write a PHP script to show the functionality of date and time function.**

```

<?php
echo "Today's Date is :";
echo date("d/m/Y");
echo "\nCurrent Time is :";
echo date("h:i:sa");
?>

```