1 Take number and print the table

```html
<html>
   <head>
     <title>
        Table of user input number
     </title>
     <body>
     <form action = "get">
     Enter The number:<input text = "text" name = "number">
     </form>
     <?php
     $num = $_GET["number"];
     for($i = 1; $i<=10; $i++)
     {
        $product = $i*$num;
        echo "$num * $i = $product";
        echo '<br>' ;
     }
     ?>
     </body>
   </head>
</html>
```

2. Student grade based on the marks using if-else statement.

```html
<!DOCTYPE HTML>
<htmlL>
   <head>
     <title>Student Grade Claculator</title>
   </head>
   <style>
     body{
        background-color: bisque;
     }
     h1{
        text-shadow: black 1px 1px;
        font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
     }
   </style>
   <body>
     <h1>STUDENT GRADE CALCULATOR</h1>
     <h3>Student Result :- </h3>
        <?php
           $marks = 95;
```

```php
        if ($marks >= 90){
            echo "First Class, Grade A<sup>+</sup>";
        }
        elseif ($marks >= 80){
            echo "Second Class, Grade A";
        }
        elseif ($marks >= 70){
            echo "Third  Class, Grade B<sup>+</sup>";
        }
        elseif ($marks >= 60){
            echo "Fourth Class, Grade B";
        }
        elseif ($marks >= 50){
            echo "Second Class, Grade C";
        }
        else {
            echo "Grade Fail !!!!!!!";
        }
    ?>
</body>
</html>
```

3 Days of the week

```html
<!DOCTYPE HTML>
<htmlL>
   <head>
      <title>Day Identifier</title>
   </head>
   <style>
      body{
         background-color: bisque;
      }
      h1{
         text-shadow: black 1px 1px;
         font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
      }
   </style>
   <body>
      <h1>Welcome to Week Day Identifier : - </h1>
      <h3>Result :- </h3>
          <?php
            $day = 3;
```

```php
        switch($day){
            case 1:
                echo "Monday";
                break;
            case 2:
                echo "Tuesday";
                break;
            case 3:
                echo "Wednesday";
                break;
            case 4:
                echo "Thursday";
                break;
            case 5:
                echo "Friday";
                break;
            case 6:
                echo "Saturday";
                break;
            case 7:
                echo "Sunday";
                break;
            default:
                echo "Invalid number for choosing the week day !!!";
        }
    ?>
</body>
</html>
```

4. To find factorial of a number using recursive function

```html
<!DOCTYPE HTML>
<htmlL>
    <head>
        <title>Factorial Claculator</title>
    </head>
    <style>
        body{
            background-color: bisque;
        }
        h1{
            text-align: center;
            text-shadow: black 1px 1px;
```

```php
        font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    }
</style>
<body>
    <h1>Factorial of a  number : - </h1>
    <h3 style = "text-align:center;">Result :- </h3>
        <?php
            function factorial($num){
                if ($num == 0){
                    return 1;
                }else{
                    return $result = factorial($num - 1)*$num;
                }
            }
            $input = 5;
            $output = factorial($input);
            echo "<b>Factorial of $input is $output<b>";
        ?>
</body>
</html>
```

5. To calculate Electricity bill

```php
<!DOCTYPE HTML>
<htmlL>
    <head>
        <title>Electricity Bill Claculator</title>
    </head>
    <style>
        body{
            background-color: bisque;
        }
        h1{
            text-align: center;
            text-shadow: black 1px 1px;
            font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
        }
    </style>
    <body>
        <h1>ELECTRICITY BILL CALCULATOR</h1>
        <h3>Bill :- </h3>
            <?php
                $units = 95;
                $bill = 0;
```

```php
        if ($units <= 50){
            $bill = $units*3.50;
            echo "Your bill  amount is $bill Rs.";
        }
        elseif ($units >= 50 and $units <= 150){
            $bill = 50*3.50;
            $bill += (($units-50)*4.00);
            echo "Your bill  amount is $bill Rs.";
        }
        elseif ($units >= 150 and $units <= 250){
            $bill = 50*3.50;
            $bill += 100*4.00;
            $bill += (($units-150)*5.20);
            echo "Your bill  amount is $bill Rs.";
        }
        elseif ($units >= 250){
            $bill = $units*6.50;
            echo "Your bill  amount is $bill Rs.";
        }
        else {
            echo "Enter a valid unit number !!!!!!!";
            echo "Your bill amount is not calculated !!";
        }
    ?>
</body>
</html>
```

6. To find Square Root of a number

```html
<html>

<head>
    <title>Square root of a number using form</title>
</head>

<body>
    <!--- input form with text box --->
    <form method="post" action="">
        <label>Enter a number</label>
        <input type="text" name="input" value="" />
        <br>
        <input type="submit" name="submit" value="Submit" />
    </form>
    <?php
```

```php
    if (isset($_POST['submit'])) {
        //storing the number in a variable $input
        $input = $_POST['input'];
        //storing the square root of the number in a variable $ans
        $ans = sqrt($input);
        //printing the result
        echo 'The square root of ' . $input . ' =  ' . $ans;
    }
    ?>
</body>

</html>
```

7. Check whether a number is prime or not.

```php
<?php
function check_prime($num)
{
    if ($num == 1)
        return 0;
    for ($i = 2; $i <= $num / 2; $i++) {
        if ($num % $i == 0)
            return 0;
    }
    return 1;
}
$num = 47;
$flag_val = check_prime($num);
echo "$num";
echo "<br>";
if ($flag_val == 1)
    echo "It is a prime number";
else
    echo "It is a non-prime number";
```

8. A passed string is a palindrome or not

```php
<form method="post">
    Enter a String: <input type="text" name="str" /><br>
    <button type="submit">Check</button>
</form>
<?php
if ($_POST) {
```

```php
    //get the value from form
    $str = $_POST['str'];
    //reversing the number
    $reverse = strrev($str);

    //checking if the number and reverse is equal
    if ($str == $reverse) {
        echo "The String $str is Palindrome";
    } else {
        echo "The String $str is not a Palindrome";
    }
}
?>
```

9. Lowercase/Uppercase

```php
<form method="post">
    Enter a String: <input type="text" name="str" /><br>
    <button type="submit">Check</button>
</form>
<?php
if ($_POST) {
    //get the value from form
    $str = $_POST['str'];

    $uppercase = strtoupper($str);
    $lowercase = strtolower($str);
    $fupper = ucfirst($str);
    $fwupper = ucwords($str);

    echo "The uppercase of given string " . $str . " : " . $uppercase;
    echo "<br>";
    echo "The lowercase of given string " . $str . " : " . $lowercase;
    echo "<br>";
    echo "The first character of string " . $str . " is uppercase : " . $fupper;
    echo "<br>";
    echo "The first character of all words of string " . $str . " is uppercase : " . $fwupper;
}
?>
```

10. Squareroot

```html
<!DOCTYPE HTML>
<html>
    <head>
```

```html
        <title>Multiplication Table</title>
    </head>
    <body>
        <h1>Multiplicaiton Table Calculator</h1>
        <form  method="post">
            Number :- <input type = "number" name="num"/>
            <input type = "submit">
        </form>
        <?php
            $user_input = $_POST["num"];
            echo "Squre root of $user_input i.e. $user_input <sup>1/2</sup> :- " . sqrt($user_input);
         ?>
    </body>
</html>
```

11. Reverse the digits

```php
<?php
$num = 23456;
$revnum = 0;
while ($num > 1)
{
$rem = $num % 10;
$revnum = ($revnum * 10) + $rem;
$num = ($num / 10);
}
echo "Reverse number of 23456 is: $revnum";
```