1. A. Create a webpage that prints your name on the screen. (HTML)

<html>

 <body>

 <h1>My name is Tony</h1>

 </body>

</html>

B. Create a webpage and set its title to "This is a webpage". (HTML)

<!DOCTYPE html>

<html>

 <head>

  <title>This is Web Page</title>

 </head>

 <body bgcolor="skyblue">

   <h1 align="center" ><font face="ArialBlack" size="300%">My name is Tony</h1>

 </body>

</html>

2. Print the numbers 1 - 10, each number being a different color. (HTML)

<!DOCTYPE html>

<html>

 <head>

  <title>Different Colors</title>

 </head>

 <body>

   <h1 align="center"><font color="red">1(one)</h1>

   <h1 align="center"><font color="blue">2(Two)</h1>

   <h1 align="center"><font color="pink">3(Three)</h1>

   <h1 align="center"><font color="yellow">4(Four)</h1>

   <h1 align="center"><font color="green">5(Five)</h1>

   <h1 align="center"><font color="red">6(Six)</h1>

   <h1 align="center"><font color="purple">7(Seven)</h1>

   <h1 align="center"><font color="navyblue">8(Eight)</h1>

   <h1 align="center"><font color="brown">9(Nine)</h1>

   <h1 align="center"><font color="black">10(Ten)</h1>

   <h1 align="center"><font color="skyblue">11(Eleven)</h1>

   <h1 align="center"><font color="violet">12(Twelve)</h1>

   <h1 align="center"><font color="orange">13(Thirteen)</h1>

   <h1 align="center"><font color="yellow-green">14(Fourteen)</h1>

   <h1 align="center"><font color="red-orange">15(Fifteen)</h1>

   <h1 align="center"><font color="yellow-orange">16(Sixteen)</h1>

   <h1 align="center"><font color="blue-green">17(Seventeen)</h1>

   <h1 align="center"><font color="red-violet">18(Eighteen)</h1>

   <h1 align="center"><font color="blue-purple">19(Nineteen)</h1>

   <h1 align="center"><font color="red-purple">20(Twenty)</h1>

 </body>

</html>

3. Print a paragraph that is a description of a book, include the title of the book as well as its author. Names and titles should be underlined, adjectives should be italicized and bolded. (HTML).

<!DOCTYPE html>

<html>

 <head>

  <title>Web Programming</title>

 </head>

 <body bgcolor="skyblue">

   <p>

     <h1 align="center"><u>Quantitative Aptitude</u></h1>

     <h3><u>Author:R S Aggarwal</u></h3>

   <p>Quantitative aptitude is an inseparable and an integral part of aptitude exams in India. It tests the quantitative skills along with logical and analytical skills. One can test their own number of handling techniques and <i><b>problem-solving skills</i></b> by solving these questions.

      To know <i><b>more</b></i> about Govt Exams, check at the linked article.

    As the proverb goes “A stitch in time saves nine”, a <i><b>well-planned</b></i> preparation for these exams will help in saving <i><b>more</i></b> time during the examination.

    On average, one minute per question is the time available to solve questions in the exams.

   </p>

   </p>

 </body>

</html>

4. Print the squares of the numbers 1 - 20. Each number should be on a separate line, next to it the number 2 superscripted, an equal sign and the result. (Example: 10^2= 100) (HTML)

<!DOCTYPE html>

<html>

 <head>

  <title>Square of Numbers</title>

 </head>

 <body>

   <h1 align="center">1<sup>2</sup>=1</h1>

   <h1 align="center">2<sup>2</sup>=4</h1>

   <h1 align="center">3<sup>2</sup>=9</h1>

   <h1 align="center">4<sup>2</sup>=16</h1>

   <h1 align="center">5<sup>2</sup>=25</h1>

   <h1 align="center">6<sup>2</sup>=36</h1>

   <h1 align="center">7<sup>2</sup>=49</h1>

   <h1 align="center">8<sup>2</sup>=64</h1>

   <h1 align="center">9<sup>2</sup>=81</h1>

   <h1 align="center">10<sup>2</sup>=100</h1>

   <h1 align="center">11<sup>2</sup>=121</h1>

   <h1 align="center">12<sup>2</sup>=144</h1>

   <h1 align="center">13<sup>2</sup>=169</h1>

   <h1 align="center">14<sup>2</sup>=196</h1>

   <h1 align="center">15<sup>2</sup>=225</h1>

   <h1 align="center">16<sup>2</sup>=256</h1>

   <h1 align="center">17<sup>2</sup>=289</h1>

   <h1 align="center">18<sup>2</sup>=324</h1>

   <h1 align="center">19<sup>2</sup>=361</h1>

   <h1 align="center">20<sup>2</sup>=400</h1>

 </body>

</html>

5. Create links to five different pages on five different websites that should all open in a new window. (HTML)

<!DOCTYPE html>

<html>

 <head>

  <title>program 5</title>

 </head>

 <body>

   <h1>Link to 5 different webpages on 5 different websites</h1>

   <h4><a href="https://klejtbcagadag.com/" target="\_blank">JT BCA</a></h4>

   <h4><a href="https://klejtbbagadag.com/" target="\_blank">JT BBA</a></h4>

   <h4><a href="http://www.klejtcollege.in/" target="\_blank">JT College</a></h4>

   <h4><a href="https://www.facebook.com" target="\_blank">Facebook</a></h4>

   <h4><a href="http://in.youtube.com/" target="\_blank">YouTube</a></h4>

 </body>

</html>

6. A. Setting a background image for a page Using CSS

<!DOCTYPE html>

<html>

 <head>

  <title>program 6A</title>

  <style>

   body{

    background: url("shiva.jpg") no-repeat;

    background-size: 100%;

   }

  </style>

 </head>

 <body>

 </body>

</html>

B. Setting text color and background color Using CSS

<!DOCTYPE html>

<html>

 <head>

  <title>program 6B</title>

  <style>

   body{

    background: url("shiva.jpg") no-repeat;

   background-size: 100%;

   }

   h1{

    background-color: red;

   color: white;

   }

   h2{

    background-color: blue;

   color: white;

   }

  </style>

 </head>

 <body>

    <h1>Link to 5 different webpages on 5 different websites</h1>

    <h2>Link to 5 different webpages on 5 different websites</h2>

 </body>

</html>

7. Setting the font type of text Setting the font size of text Setting the font color of text Setting the font style of text Using CSS.

<!DOCTYPE html>

<html>

 <head>

  <title>program 7</title>

  <style>

   body{

    background: url("shiva.jpg") no-repeat;

    background-size: 100%;

   }

   .p1{

    background-color: red;

    font-family: Times, Times New Roman, Georgia, serif;

    font-size: 20px;

    color:white;

    font-weight:bold;

    font-style: italic;

   }

   .p2{

    background-color: blue;

    font-family: Verdana, Arial, Helvetica, sans-serif;

    font-size: 20px;

    color: white;

    font-weight:light;

    font-style: italic;

   }

   .p3{

    background-color: green;

    font-family: Lucida Console, Courier, monospace;

    font-size: 20pt;

    color:red;

    font-weight:normal;

    font-style: italic;

   }

  </style>

 </head>

 <body>

    <p class="p1">Link to 5 different webpages on 5 different websites</p>

     <p class="p2">Link to 5 different webpages on 5 different websites</p>

     <p class="p3">Link to 5 different webpages on 5 different websites</p>

 </body>

</html>

8. Create a webpage with two images which alternately changes on mouse over using CSS.

<!DOCTYPE html>

<html>

 <head>

  <title>program 8</title>

  <style>

   p{

   background-image: url("shiva.jpg");

   background

   }

   p:hover{

   background-image: url("nat.jpg");

   background-size:400px;

   }

  </style>

 </head>

 <body>

    <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Repellat, autem.</p>

 </body>

</html>

9. Write a JavaScript program to display the current day and time in the following format. Go to the editor Sample Output : Today is : Tuesday. Current time is : 10 PM : 30 : 38

<!DOCTYPE html>

<html>

 <head>

  <title>program 9</title>

 </head>

 <body>

    <script>

        var d = new Date();

        document.write(d);

        document.write("<br>Today date is : ",d.getDate());

        var day = ["Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday"]

        document.write("<br>Today is : ", day[d.getDay()]);

        document.write("<br>Current time is : ",d.getHours(),":",d.getMinutes(),":",d.getSeconds());

    </script>

 </body>

</html>

10. Write a JavaScript program to convert temperatures to and from Celsius, Fahrenheit.

<!DOCTYPE html>

<html>

 <head>

  <title>program 10</title>

 </head>

 <body>

    <h1>covertion of C to F and F to C </h1>

    <label for="cel">Enter Value in Celsius</label>

    <input type="text" name="" id="cel"><br>

    <button type="submit" onclick="celToFehr()">Result: </button>

    <h4 id="result"></h4>

    <label for="fahr">Enter Value in Fahrenheit</label>

    <input type="text" name="" id="fahr"><br>

    <button type="submit" onclick="celToFehr()">Result: </button>

    <h4 id="result"></h4>

   <script type="text/javascript">

    function celToFehr(){

        var cTemp = parseInt(document.getElementById("cel").value);

        var cToFehr = (cTemp \* 9/5 + 32);

        document.getElementById("result").innerHTML ="<br>Fahrenheit "+fTemp+" is converted "+ cToCel +" Celsius";

        document.write("<br>Celsius "+cTemp+" is converted "+cToFehr+" Fahrenheit");

    }

    function fehrToCel(){

        var fTemp = parseInt(document.getElementById("fahr").value);

        var cToCel = ((fTemp - 32) \* 5 / 9);

        document.getElementById("result").innerHTML ="<br>Fahrenheit "+fTemp+" is converted "+ cToCel +" Celsius";

   </script>

 </body>

</html>

11. Write a JavaScript program to find the largest of three given integers.

<!DOCTYPE html>

<html>

 <head>

  <title>program 11</title>

 </head>

 <body>

    <h1>Largest of 3 numbers</h1>

    <label for="a">Enter Value of a</label>

    <input type="text" name="" id="a"><br>

    <label for="b">Enter Value of b</label>

    <input type="text" name="" id="b"><br>

    <label for="c">Enter Value of c</label>

    <input type="text" name="" id="c"><br>

    <button type="submit" onclick="large()">Result: </button>

    <h4 id="result"></h4>

    <script>

        function large(){

        var a = parseInt(document.getElementById("a").value);

        var b = parseInt(document.getElementById("b").value);

        var c = parseInt(document.getElementById("c").value);

        if(a > b && a > c){

        document.getElementById("result").innerHTML = "Largest number is : "+ (a);

         }

        else if(b > c){

        document.getElementById("result").innerHTML ="Largest number is : "+ (b);

        }

        else{

        document.getElementById("result").innerHTML ="Largest number is : "+ (c);

        }

        }

    </script>

 </body>

</html>

14. A. Write a program to count 5 to 15 using PHP loop.

<?php

    echo "Count number 5 to 15 using loop<br>";

    $count = 5;

    while($count<=15){

        echo $count;

        $count++;

        echo "<br>";

    }

?>

B. Write a factorial program using for loop in PHP.

<?php

    echo "To find factorial of number <br>";

    $num = 5;

    $fact=1;

    for($i=$num; $i>0; $i--){

        $fact = $fact\*$i;

    }

    echo "Factorial of number $num is : $fact";

?>

15. Write a program to create Chess board in PHP using for loop

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Prgm15</title>

</head>

<body>

    <h1>Chess Board</h1>

    <table border width="400">

        <?php

            for($row=1; $row<=8; $row++) {

                echo "<tr>";

                for($col=1; $col<=8; $col++) {

                    $total = $row + $col;

                    if (($total % 2) == 0){

                        echo "<td width='30' height='30' bgcolor='black'></td>";

                    }

                    else{

                        echo "<td width='30' height='30' bgcolor='white'></td>";

                    }

                }

                echo "</tr>";

            }

        ?>

    </table>

</body>

</html>

16. Write a program to upload and display an image using PHP.

<html>

<head>

<title>PHP File Upload example</title>

</head>

<body>

<form action="" enctype="multipart/form-data" method="post">

Select image :

<input type="file" name="file"><br/>

<input type="submit" value="Upload" name="Submit1"> <br/>

</form>

<?php

if(isset($\_POST['Submit1']))

{

$filepath = "images/" . $\_FILES["file"]["name"];

if(move\_uploaded\_file($\_FILES["file"]["tmp\_name"], $filepath))

{

echo "<img src=".$filepath." height=200 width=300 />";

}

else

{

echo "Error !!";

}

}

?>

18. Write a simple calculator program in PHP using switch case

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <h2> Write a simple calculator program in PHP using switch case</h2>

    <form action="" method="POST" enctype="multipart/form">

        Enter First Number : <input type="text" name="a"/><br><br>

        Enter Second Number : <input type="text" name="b"/><br><br>

        <input type="radio" name="arithmetic" value="add"/>Addition

        <input type="radio" name="arithmetic" value="sub"/>Substraction

        <input type="radio" name="arithmetic" value="mult"/>Multiplication

        <input type="radio" name="arithmetic" value="div"/>Division <br><br>

        <input type="submit" name="submit1" value="submit"/> <br><br>

    </form>

    <?php

    if(isset($\_POST["submit1"])){

        $a = $\_POST["a"];

        $b = $\_POST["b"];

        $arithmetic = $\_POST["arithmetic"];

        // echo $a;

        switch($arithmetic){

            case 'add' : echo "Addition of two numbers is : " . $a + $b;

            break;

            case 'sub' : echo "Substraction of two numbers is : " . $a - $b;

            break;

            case 'mult' : echo "Multiplication of two numbers is : " . $a \* $b;

            break;

            case 'div' : echo "Division of two numbers is : " . $a / $b;

            break;

        }

    }

    ?>

</body>

</html>

20. Write a PHP program to find the length of the string and count the words in the string.

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <form action="" method="POST">

        <input type="text" name="a">

        <input type="submit" name="sumbmit" value="Check length">

    </form>

    <?php

        $str1 = $\_POST['a'];

        echo "<h4>The Given String is : </h4>" . $str1;

        echo "<br><h4>length of the string : </h4>" . strlen($str1);

        echo "<br>";

        echo "<h4>no of words in string : </h4>" . str\_word\_count($str1);

    ?>

</body>

</html>