***Index.html***

//Question1

<script type="text/javascript">

var c = ["blue", "black", "yellow", "red"];

function changeColor() {

setTimeout(function loop() {

document.bgColor = c.shift();

if (c.length) {

setTimeout(loop, 5000);

}

}, 5000);

}

function start() {

setInterval(changeColor(), 20000);

}

</script>

<body onload="start()">

</body>

//Question 2

**JavaScript function**

<script type="text/javascript">

**function** printTable(){

**var** num;

num=Number(document.getElementById('txtNumber').value);

**for**(**var** i=1; i<=10; i++){

**var** pTag= document.getElementById('pPrint');

pTag.innerHTML += (num\*i) + "<br/>"

}

}

</script>

**HTML Source Code with JavaScript**

<!--JavaScript - Function to Display Table of an entered Number.-->

<html>

<head>

<title>JavaScript - Function to Display Table of an entered Number.</title>

<script type="text/javascript">

**function** printTable(){

**var** num;

num=Number(document.getElementById('txtNumber').value);

**for**(**var** i=1; i<=10; i++){

**var** pTag= document.getElementById('pPrint');

pTag.innerHTML += (num\*i) + "<br/>"

}

}

</script>

</head>

<body style="text-align: center;">

<h1>JavaScript - Function to Display Table of an entered Number.</h1>

<p><input type="text" id="txtNumber" placeholder="Enter number"/></p>

<p><input type="button" value="Print Table." onclick='printTable()'/>

<!--print numbers-->

<p id="pPrint"></p>

</body>

</html>

//Question 3