

ASSIGNMENT(21-7-2020)

Solutions-----

Question-1

```
<script type="text/javascript">
    var colors = ['#ad2626','#709121','#175d8f','#a62b75','#d41128'];
    var i = 0;
    function change() {
        var data = document.getElementById('para');
        data.style.backgroundColor = colors[i];
        i = (i + 1) % colors.length;
    }
    setInterval(change,5000)
</script>
```

```
<div id="para"></div>
```

```
<style type="text/css">
    div {
        border: solid;
        width: 500px;
        height: 400px;
        margin: auto;
    }
</style>
```

Question – 2

```
<script type="text/javascript">
    var n = Number(prompt("Input Number"));
    for (i = 1; i <= 10; i++) {
```

```
        console.log(`${n} × ${i} = ${n*i}`)
    }
</script>
```

Question-3

```
<!DOCTYPE html>
<html>
<head>
    <style type="text/css">
        .blue{
            background-color: black;
            color: red;
            font-size: 30px;
        }
    </style>
</head>
<body>
    <p id="para"></p>
    <p id="time"></p>
    <button onclick="changeColor()">Click for Dark Mode</button>

    <script type="text/javascript">
        //document.body.style.backgroundColor = 'powderblue';
        var a = prompt("Name");
        str = `Welcome ${a}`;
        document.querySelector('#para').innerHTML = str;

        myInterval = setInterval( function(){
            rec = new Date();
```

```
        str = `${rec.getHours()} : ${rec.getMinutes()} :  
        ${rec.getSeconds()}`  
        document.getElementById('time').innerHTML = str;  
    } , 1000 );
```

```
    function changeColor(){  
        document.body.classList.toggle('blue');  
    }  
</script>  
</body>  
</html>
```