

## TASK-3

### 3.1

Code:

```
<!DOCTYPE html>
<html>
  <head>
    <style>
      table{
        font-size: 75px;
        color: brown;
        font-style: italic;
        border-radius: 30px;
        background-color: aqua;
        border-color: red;
        vertical-align:bottom;
        border-style: dotted;
        vertical-align:bottom;
      }
      tr,td{
        border: 0px;
      }
    </style>
    <script type="text/javascript">
      function time()
    {
```

```
var present=new Date();
var hour=present.getHours();
if (hour<12){
    document.getElementById("greet").innerHTML="Good
Morning";
}
else if(hour<18){
    document.getElementById("greet").innerHTML="Good
afternoon";
}
else{
    document.getElementById("greet").innerHTML="Good
Evening";
}
}

</script>
</head>
<body>
    <input type="button" name="cover" onclick="time()" id="button"
value="click here">
    <centre>
    <table align="center" border="20px">
        <tr>
            <td id="greet">

            </td>
```

```
        </tr>
    </table>
</centre>
</body>
</html>
</html>
```

Output:



Activate Windows  
Go to Settings to activate Windows.

### 3.2

```
<!DOCTYPE html>
<html>
    <head>
        <style>
            table{
                font-size: 20px;
            }
        </style>
        <script type="text/javascript">
```

```
function quiz()
{
    stm="delhi";
    ans=document.getElementById("answer").value;
    q=ans.toLowerCase();
    if(q==stm)
    {
        document.getElementById("result").innerHTML="your
answer is correct";
    }
    else{
        document.getElementById("result").innerHTML="your
answer is wrong";
    }
}
</script>
<body>
    <table>
        <tr>
            <td>what is capital of India?</td>
            <td>
                <input type="text" id="answer">
            </td>
            <td>
                <input      type="button"      value="submit"
onclick="quiz()">
            </td>
```

```
        </tr>
        <tr style="align-items: center;">
            <td id="result"><p></p></td>
        </tr>
    </table>
</body>
</head>
</html>
```

Output:



Activate Windows  
Go to Settings to activate Windows.

3.3:

```
<!DOCTYPE html>
<html>
    <head>
        <script type="text/javascript">
            function calc(x,y){
                var Num1=parseFloat(document.getElementById(x).value);
                var Num2=parseFloat(document.getElementById(y).value);
```

```
var operator = document.getElementById("op").value;
switch(operator){
    case "1":
        result=Num1+Num2;
        break;
    case "2":
        result=Num1-Num2;
        break;
    case "3":
        result=Num1*Num2;
        break;
    case "4":
        if (Num2 !== 0) {
            result = Num1/Num2;
        } else {
            alert("Cannot divide by zero!");
            return;
        }
        break;
}

document.getElementById("out").innerText="Result:"+result;
}
</script>
</head>
<body>
```

```
<form>

    <h1>Calculator</h1>

    <input type="text" id="num1" >

    <select name="ops" id="op">

    <option value="1" id="plus">+</option>

    <option value="2" id="sub">-</option>

    <option value="3" id="mul">*</option>

    <option value="4" id="div">/</option>

    </select>

    <input type="text" id="num2" >

    <input type="button" id="subm" value="Calculate"
onclick="calc('num1','num2')">

    <h1 id="out"></h1>

</form>

</body>

</html>
```

Output:



### 3.4

```
<!DOCTYPE html>

<html>

<head>

    <script type="text/javascript">
        function validate() {
            var x = myform.try.value;
            var y = myform.rew.value;
            var z = myform.mail.value;
            var u=myform.pass.value;
            var n = /^[a-zA-Z]{3,}$/;
            var g = /^[^s@]+@[^s@]+\.[^s@]+$/;
            var nu = /^\d{10}$/;

            var ps= /^[^?.[a-z]](?.[A-Z])(?.\d)(?.[!@#$$%^&*()_+{}\\[\]:;<>,.?~\\/-]).{8,}$/;

            if (!n.test(x)) {
                document.getElementById("cor").innerHTML = "Name should not contain special characters and be at least 3 characters long";
                return;
            }
        }
    </script>
</head>

</html>
```



```
        if (!nu.test(y)) {
            document.getElementById("tyr").innerHTML = "Number
should be 10 digits";
            return;
        }

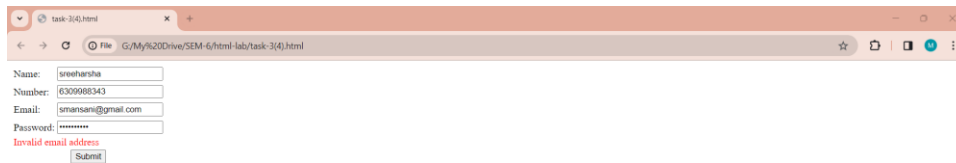
        if (!g.test(z)) {
            document.getElementById("mm").innerHTML = "Invalid
email address";
            return;
        }

        if (!ps.test(u)) {
            document.getElementById("pp").innerHTML = "Invalid
email address";
            return;
        }
    }
</script>
</head>
<body>
    <form name="myform">
        <table border="0">
            <tr>
                <td>Name:</td><td><input type="text" id="xf" name="try"
placeholder="Enter your name"></td>
            </tr>
```

```
<tr>
    <td id="cor" style="color: red;" colspan="2"></td>
</tr>
<tr>
    <td>Number:</td><td><input      type="text"      id="gy"
name="rew" placeholder="Enter 10-digit number"></td>
</tr>
<tr>
    <td id="tyr" style="color: red;" colspan="2"></td>
</tr>
<tr>
    <td>Email:</td><td><input      type="text"      id="uig"
name="mail" placeholder="Enter your email"></td>
</tr>
<tr>
    <td id="mm" style="color: red;" colspan="2"></td>
</tr>
<tr>
    <td>Password:</td><td><input type="password" id="pass"
name="pass" placeholder="Password"></td>
</tr>
<tr>
    <td id="pp" style="color: red;" colspan="2"></td>
</tr>
<tr>
    <td colspan="2" align="center">
```

```
        <input        type="button"        onclick="validate()"
value="Submit">
    </td>
</tr>
</table>
</form>
</body>
</html>
```

Output:



task-3(4).html

File G:\My%20Drive\SEM-6\html-lab\task-3(4).html

Name:

Number:

Email:

Password:

Invalid email address