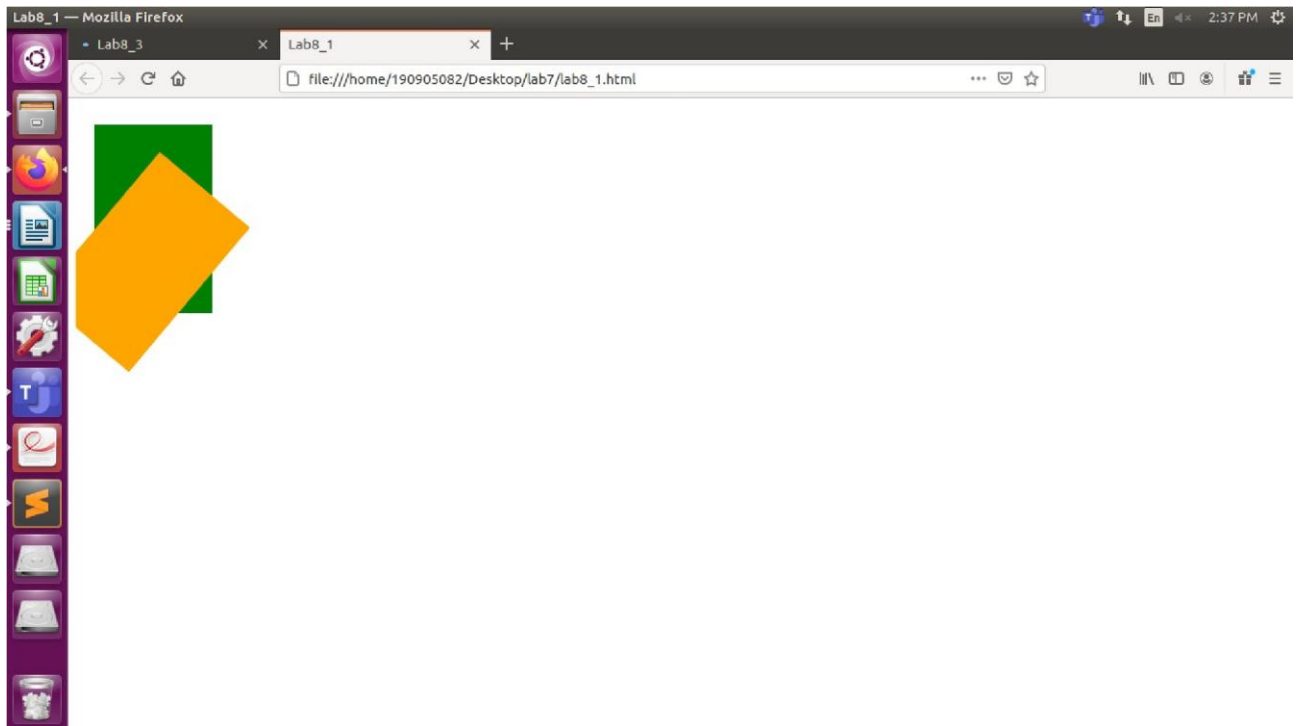


## LAB 8

1.

```
<!DOCTYPE html>
<html>
<head>
<title>Lab8_1</title>
</head>
<body>
    <canvas id="myCanvas" width="200" height="300" style="">
    <script type="text/javascript"> var r1 =
        document.getElementById("myCanvas");
        var rect1 = r1.getContext("2d");
        rect1.fillStyle = "green";
        rect1.fillRect(20, 20, 125, 200);

        var r2 = document.getElementById("myCanvas");
        var rect2 = r2.getContext("2d");
        rect2.fillStyle = "orange";
        rect1.rotate(40 * Math.PI / 180);
        rect2.fillRect(100, -20, 125, 200);
    </script>
</body>
</html>
```

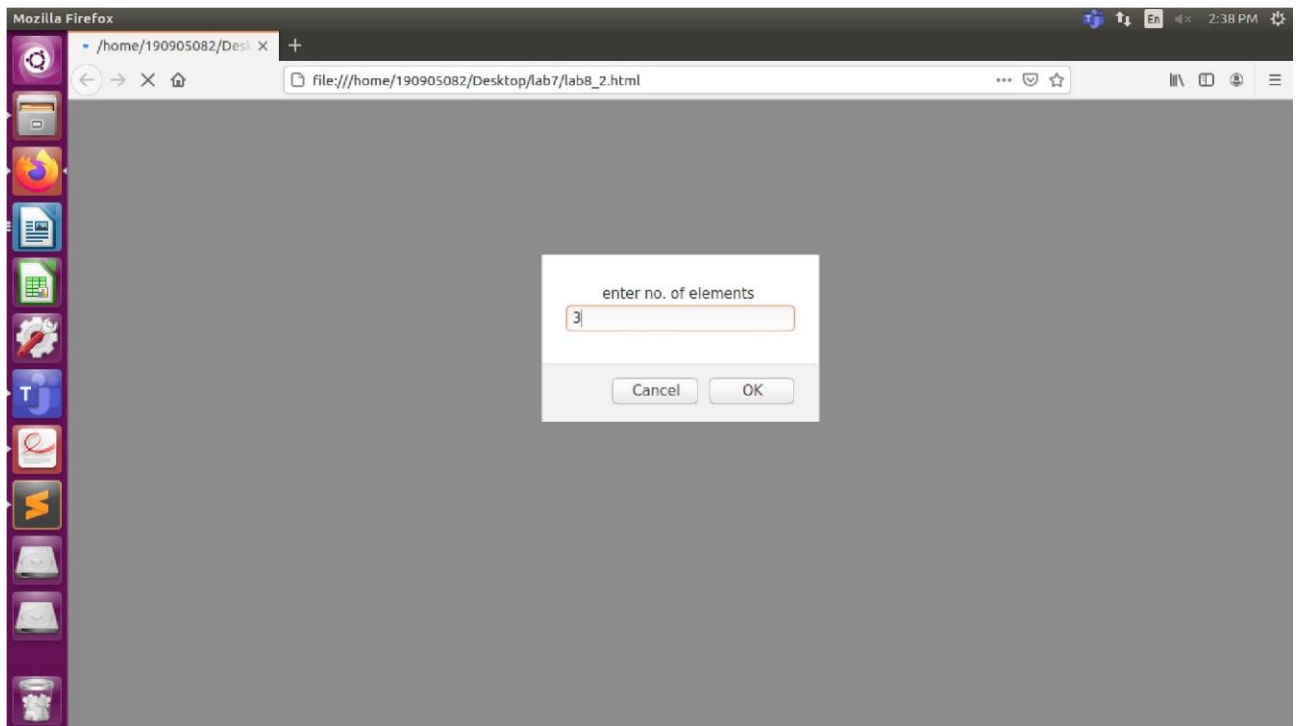


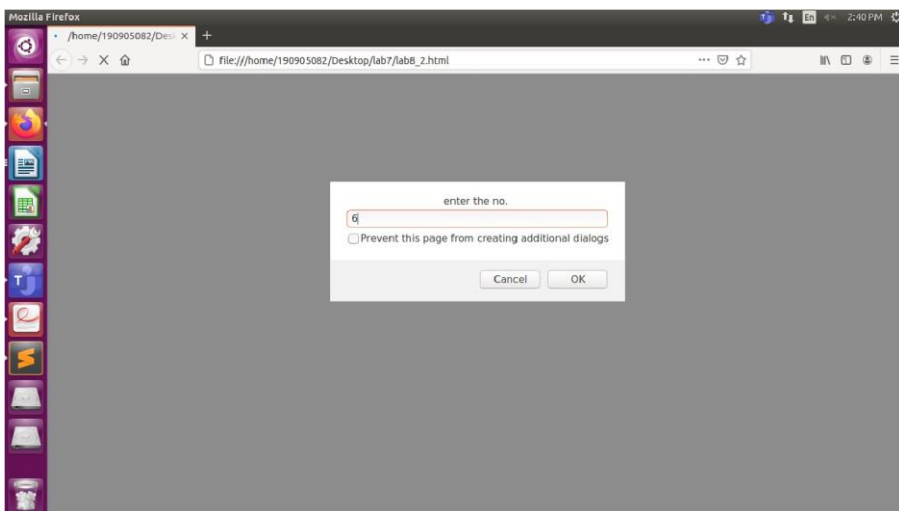
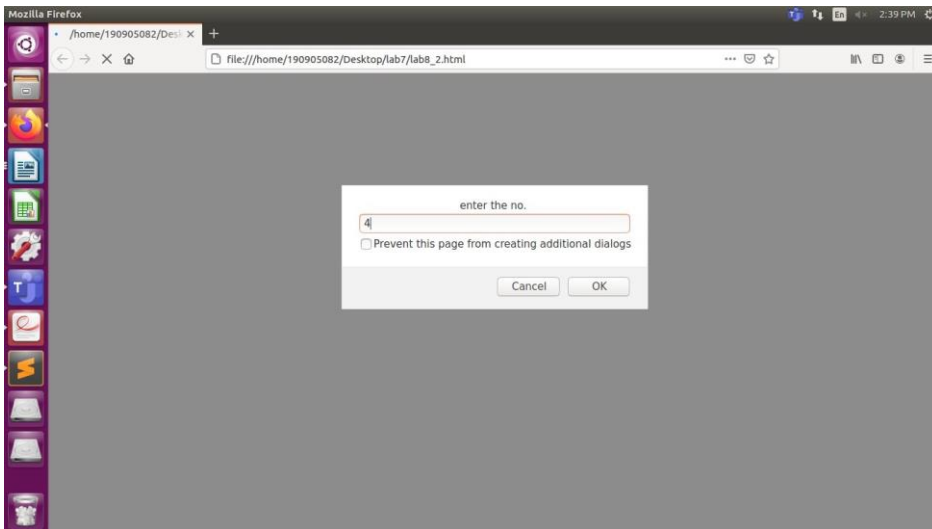
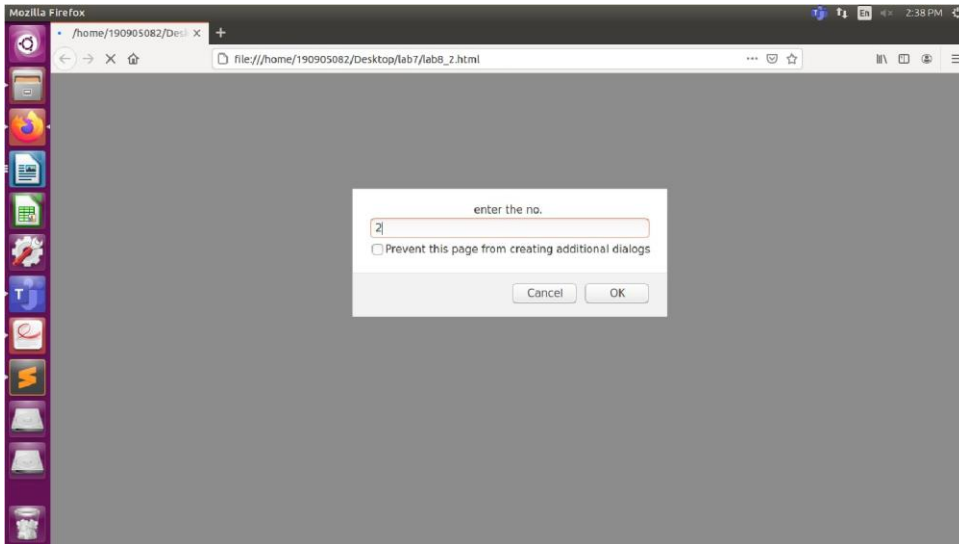
2.

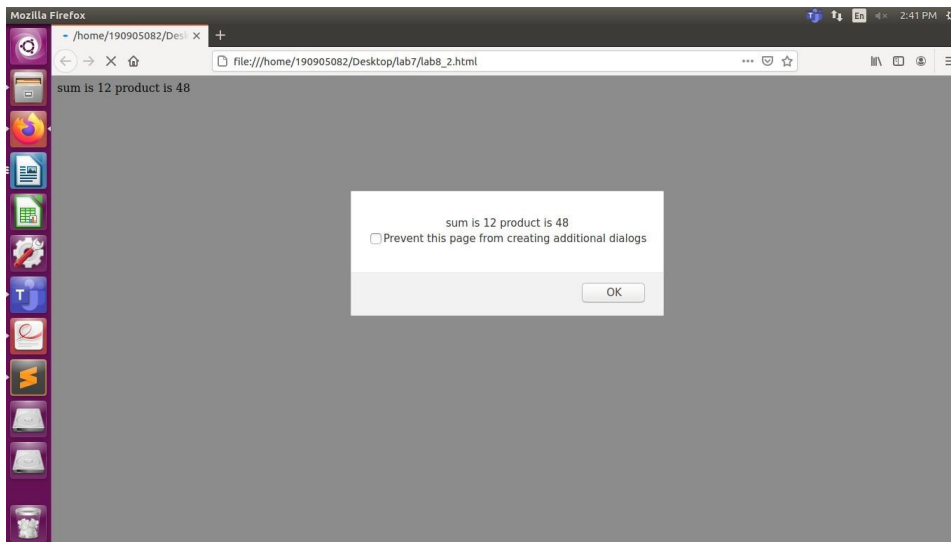
```
<!DOCTYPE html>
<html>
<body>
```

```
<div id="sum"></div>
<script> var sum =
    0;
    var num = prompt("enter no. of elements ");
    var arr = Array();
var n;   var
product = 1;
    for(var i = 0; i < num; i = i + 1)
    {
        n = prompt("enter the no.
");    sum += parseInt(n);
product *= n;
    }

    document.getElementById("sum").innerHTML = "sum is " + sum + " product is " + product;
alert("sum is " + sum + " product is " + product);
</script>
</body>
</html>
```







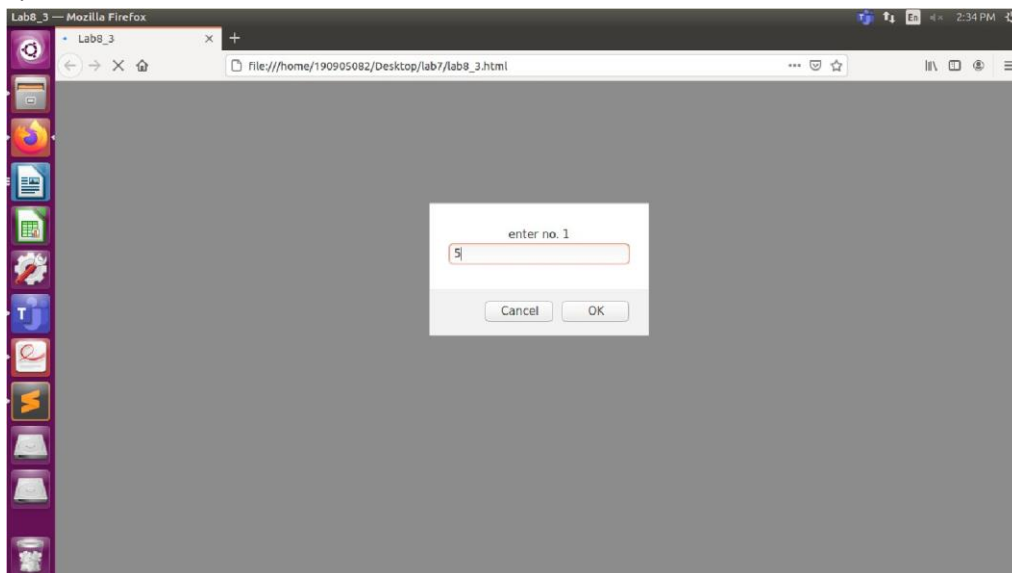
3.

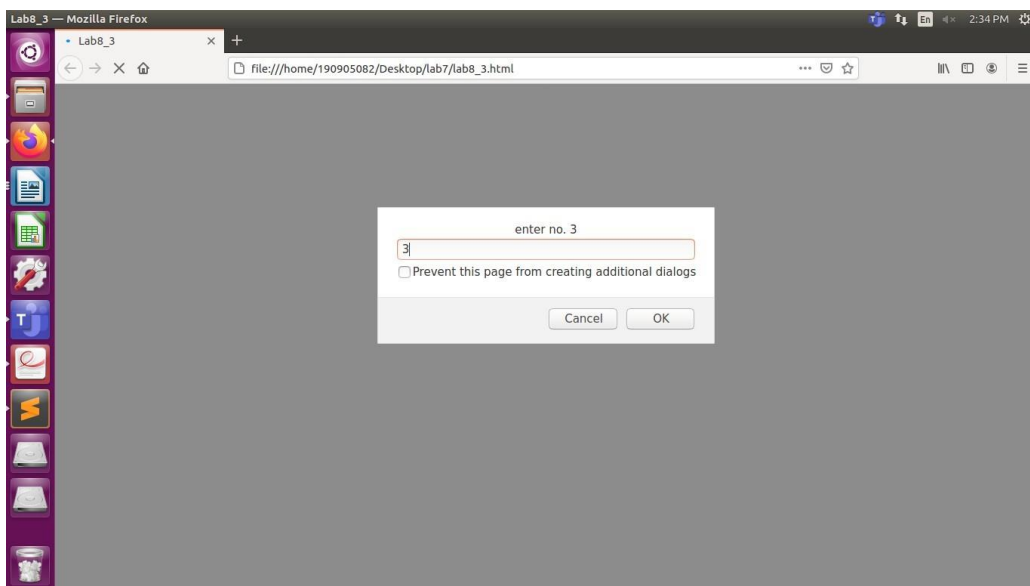
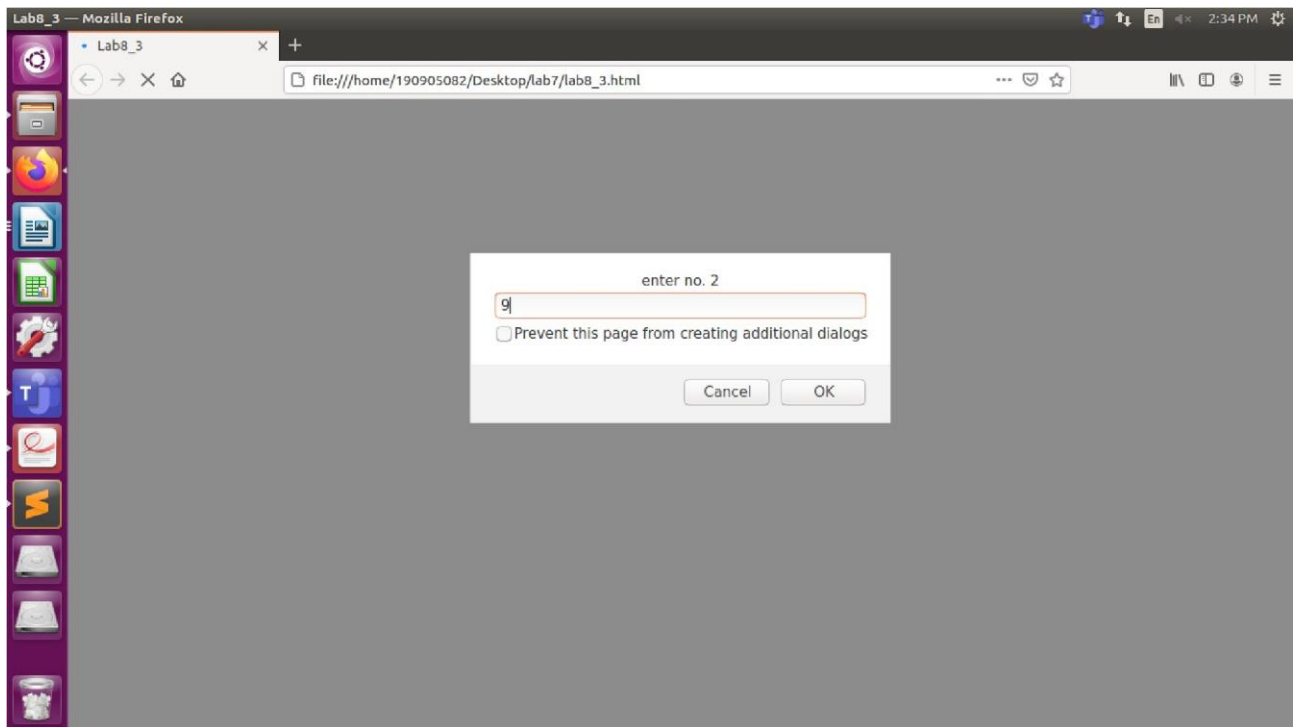
```
<!DOCTYPE html>
<html>
<head>
<title>Lab8_3</title>
</head>
<body>
```

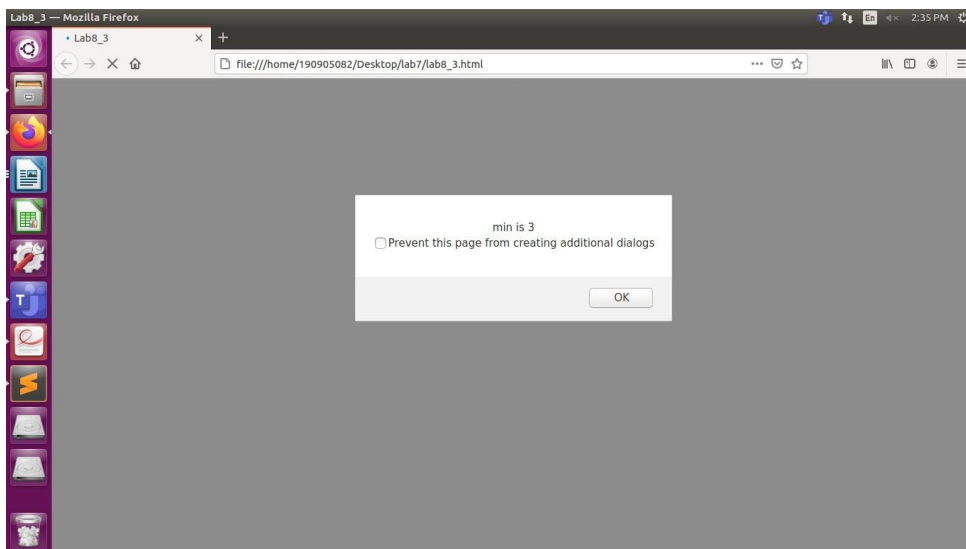
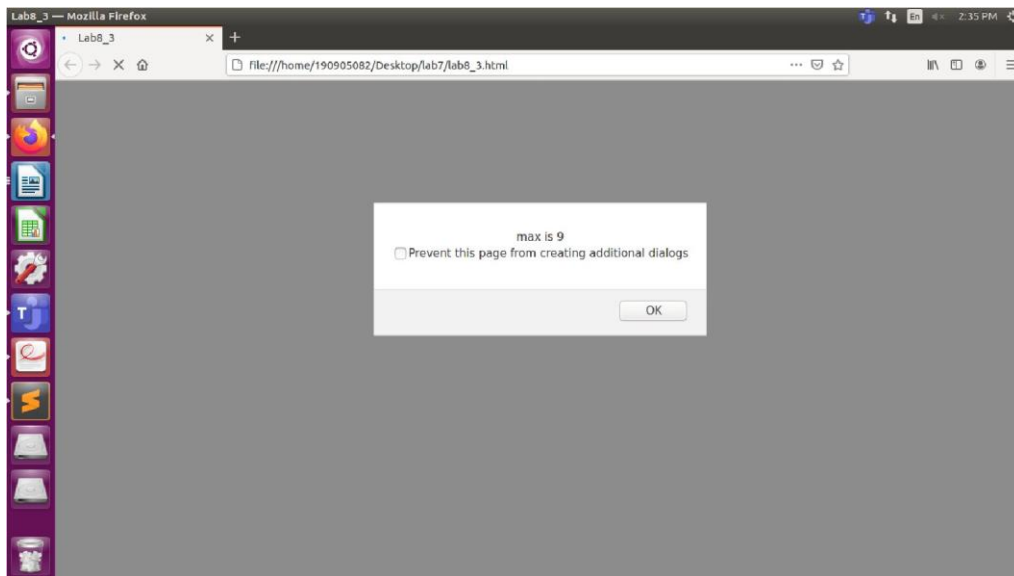
```
<script type="text/javascript">  var a =
parseInt(prompt("enter no. 1"));  var b
= parseInt(prompt("enter no. 2"));  var
c = parseInt(prompt("enter no. 3"));
    if(a > b)  {
if(a > c)  {
max = a;  }
else  {
max = c;
    }  }  else
if( b > a)  {
if(b > c)  {
max = b;
    }
    else  {
max = c;
    }
    }
}
```

```
alert("max is " + max);
```

```
if(a > b && c > b)
{
    min
= b;
}
else if(b > a && c > a)
{
    min
= a;
}
else{min = c;}
alert("min is " + min);
</script>
</body>
</html>
```







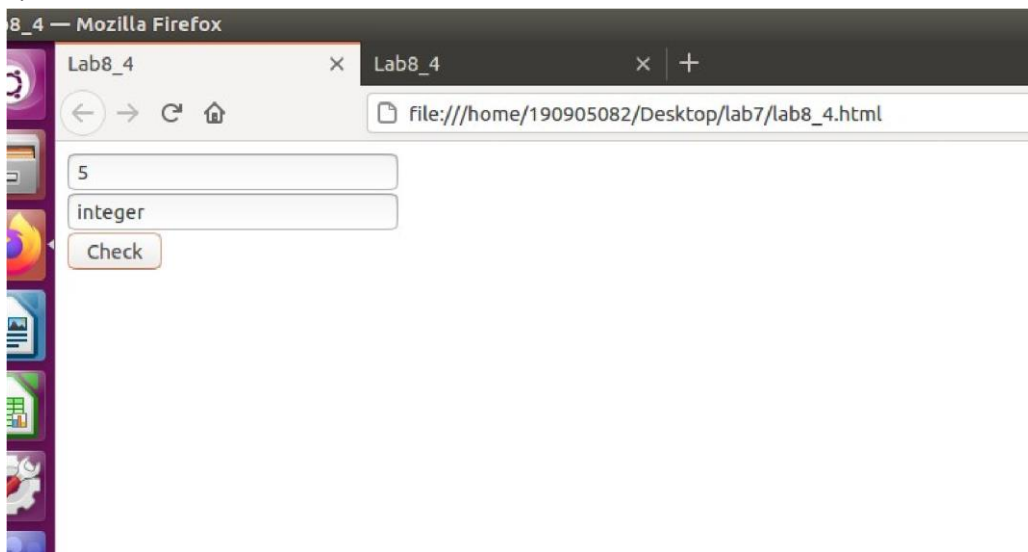
4.

```
<!DOCTYPE html>
<html>
<head>
<title>Lab8_4</title>
</head>
<body>
<script type="text/javascript">
function check()
{
```

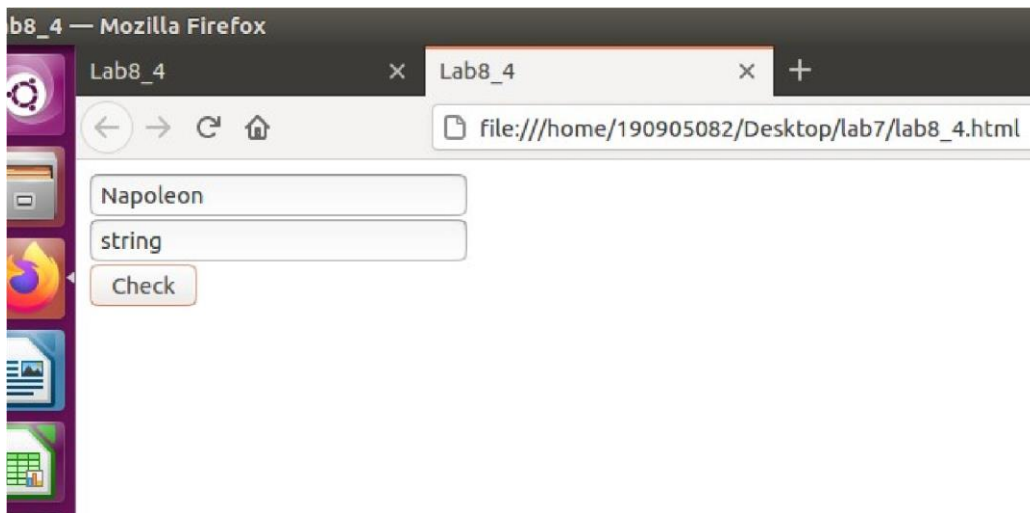
```

var input = document.getElementById("inp").value;
var output = document.getElementById("out")
if (input.match(/(true)|(false)/g))
output.setAttribute("value" ,"boolean");
else if (input.match(/[A-z]/g))
output.setAttribute("value" ,"string");
else
output.setAttribute("value" ,"integer");
}
</script>
<input type="text" name="in" id="inp" placeholder="Enter value to know its data
type"> <br>
<input type="text" name="out" id="out">
<br>
<button onclick="check()">
Check
</button>
</body>
</html>

```

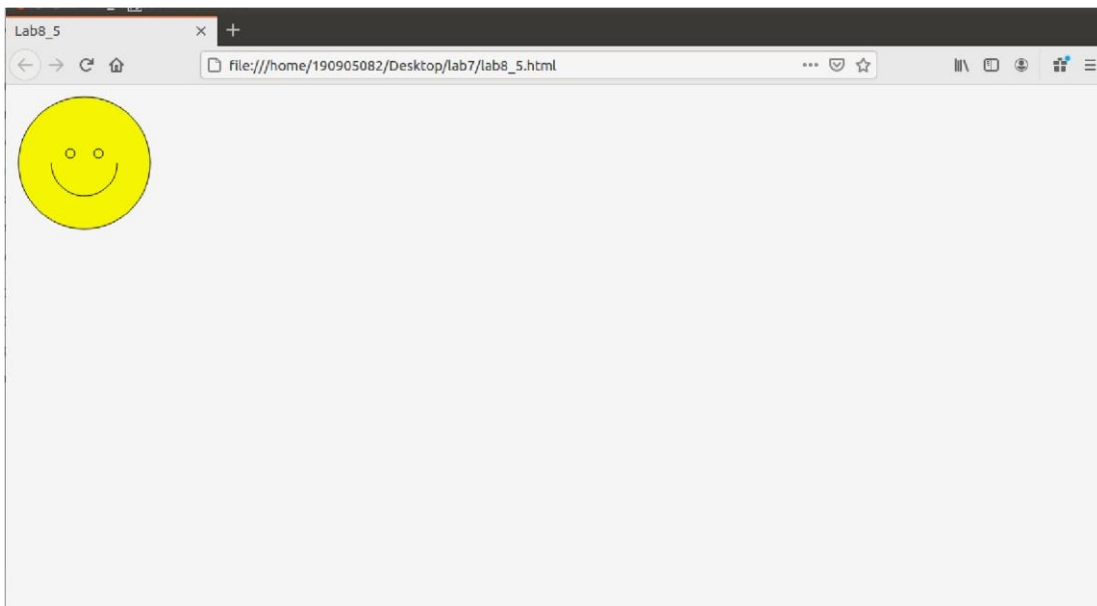






5.

```
<!DOCTYPE html>
<html>
<head>
<title>Lab8_5</title>
</head>
<body>
<canvas id="canvas" width="200" height="200">
</canvas>
<script type="text/javascript"> var canvas =
document.getElementById('canvas'); var ctx =
canvas.getContext('2d'); ctx.beginPath();
ctx.fillStyle = "yellow"; ctx.arc(75, 75, 70, 0,
Math.PI * 2, true);
ctx.fill();
ctx.moveTo(110, 75); ctx.arc(75, 75,
35, 0, Math.PI, false); ctx.moveTo(65,
65); ctx.arc(60, 65, 5, 0, Math.PI * 2,
true); ctx.moveTo(95, 65); ctx.arc(90,
65, 5, 0, Math.PI * 2, true);
ctx.stroke(); </script>
</body>
</html>
```



6.

```
<!DOCTYPE html> <html>
```

```
<body>
```

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

```
  <button onclick="Insert()">Insert</button>
```

```
  <button onclick="Delete()">Delete</button>
```

```
  <button onclick="Display()">Display</button>
```

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

```
<script>
```

```
  var sum = 0;
```

```
var arr = Array();
```

```
var n;  var i = 0;
```

```
  function Insert()
```

```
  {
```

```
    var x = prompt("enter number");
```

```
arr[i++] = x;
```

```
  }
```

```
  function Delete()
```

```
  {
```

```
    var ele = prompt("enter element to be deleted");
```

```
for(var j = 0; j < arr.length; j = j+1)
```

```
  {
```

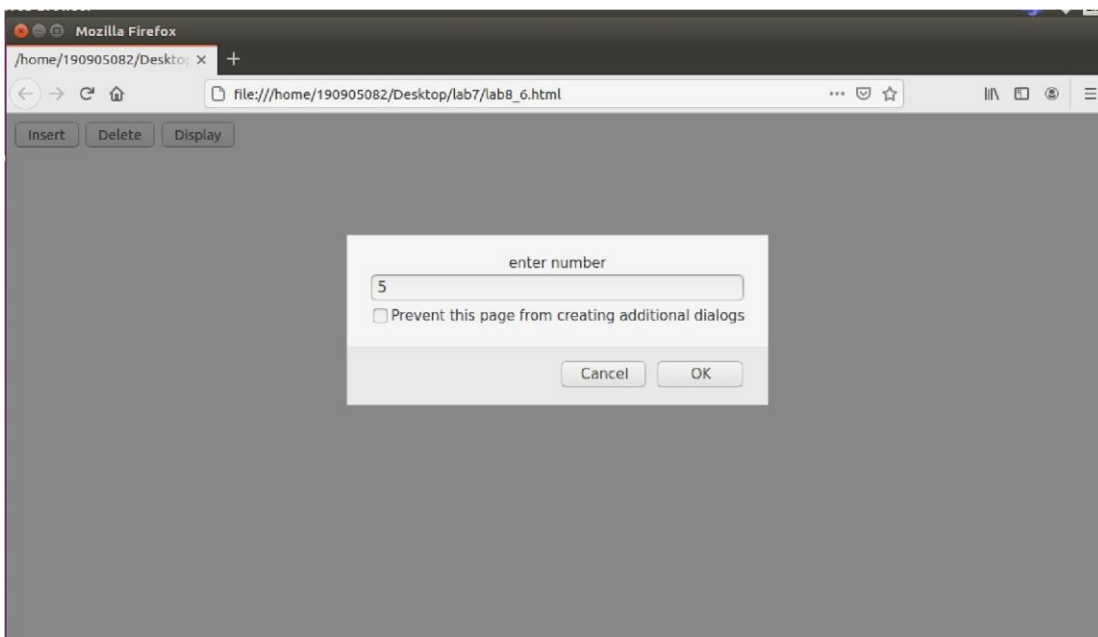
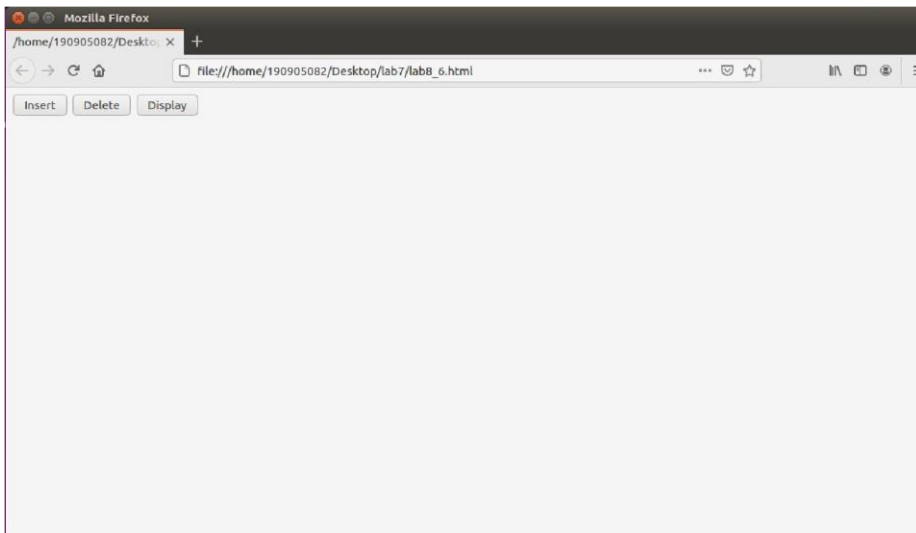
```
    if(ele == arr[j])
```

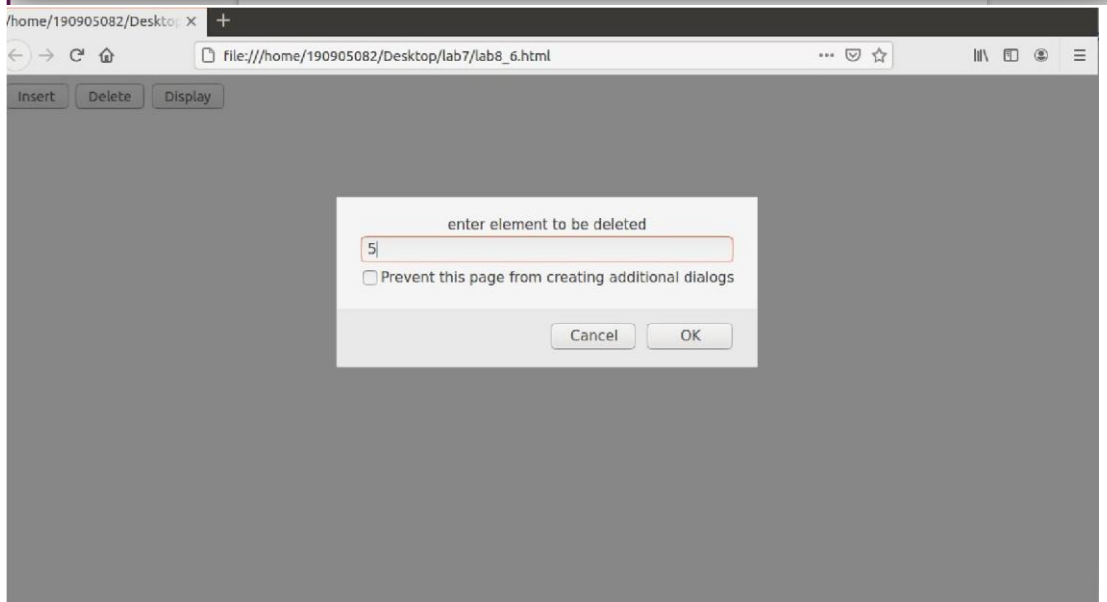
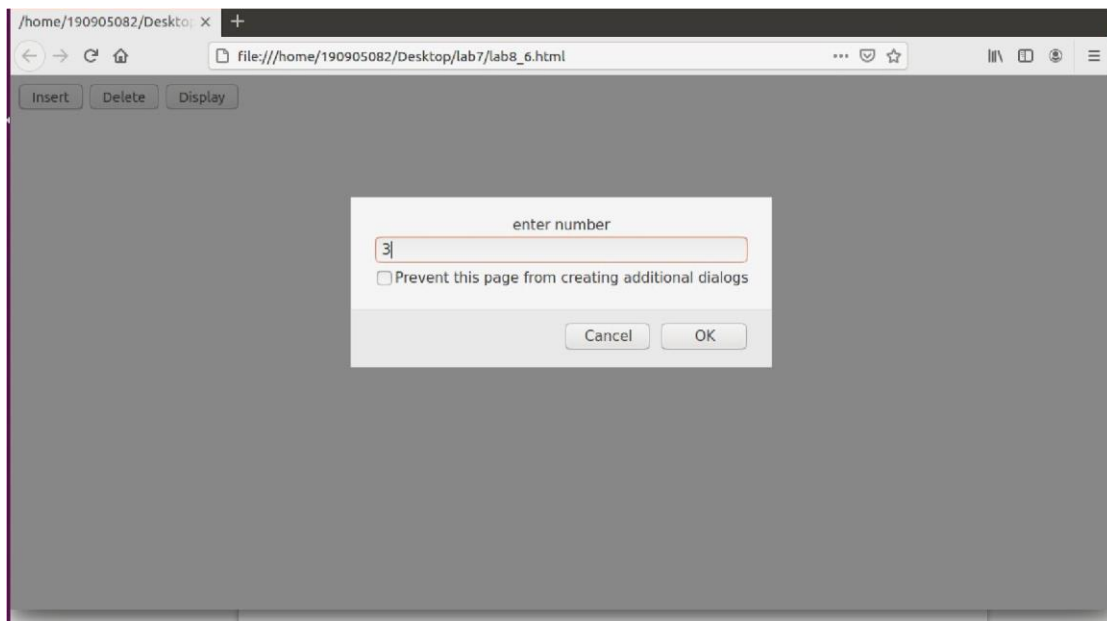
```
    {
```

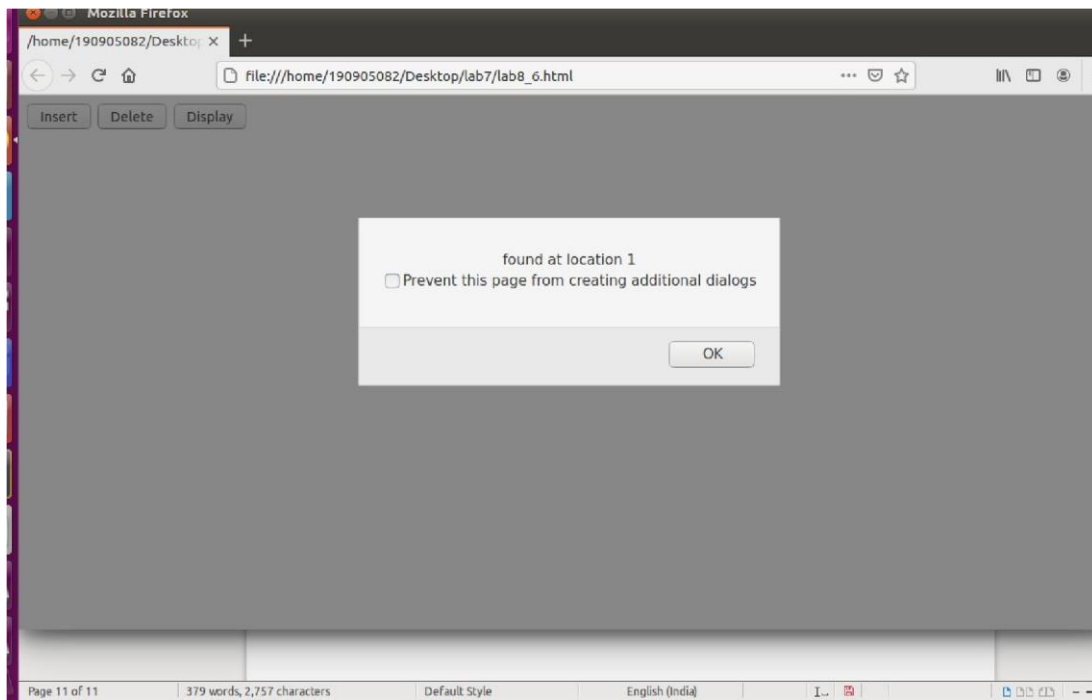
```
arr[j] = " ";
```

```
        alert("found at location " + (j+1));
        break;
    }
}

function Display()
{
    for(var j = 0; j < arr.length; j = j+1)
    {
        document.write(arr[j]);
        console.log(arr[j]);
    }
}
</script>
</body>
</html>
```



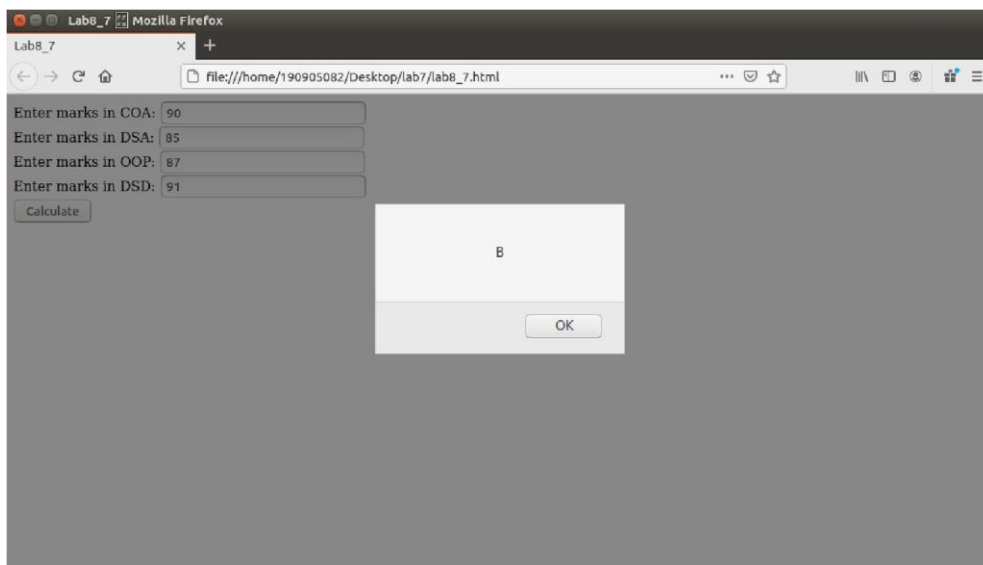




7.

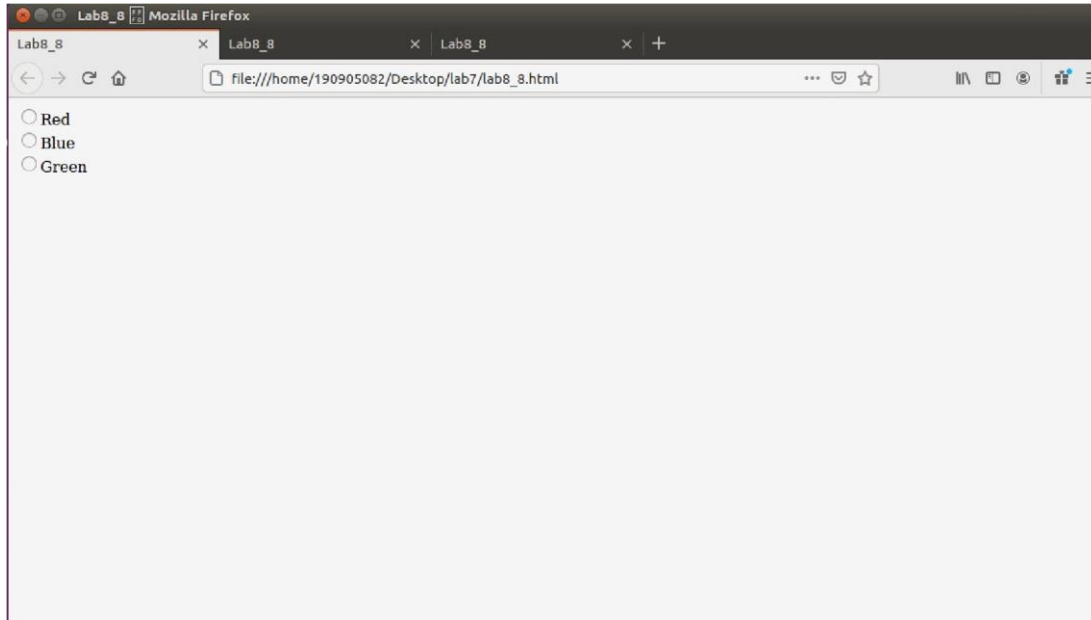
```
<!DOCTYPE html>
<html>
<head>
<title>Lab8_7</title>
</head>
<body>
    <script type="text/javascript">
        function calc()
        { var sum=0;
          for (var i = 1; i <= 4; i++)
          { sum += parseInt(document.getElementById('m'+i).value);
          } var avg = sum/4; var grade = ""; if (avg <
            60) grade = 'Fail'; else if (avg < 70 && avg
            > 60) grade = 'D'; else if (avg < 80 && avg
            > 70) grade = 'C'; else if (avg < 90 && avg >
            80) grade = 'B'; else grade = 'A';
            alert(grade);
          }
        </script>
        Enter marks in COA: <input type="text" name="m1" id="m1"><br>
        Enter marks in DSA: <input type="text" name="m2" id="m2"><br>
        Enter marks in OOP: <input type="text" name="m3" id="m3"><br>
        Enter marks in DSD: <input type="text" name="m4" id="m4"><br>
        <button onclick="calc()">Calculate</button>
    </body>
</html>
```

8.

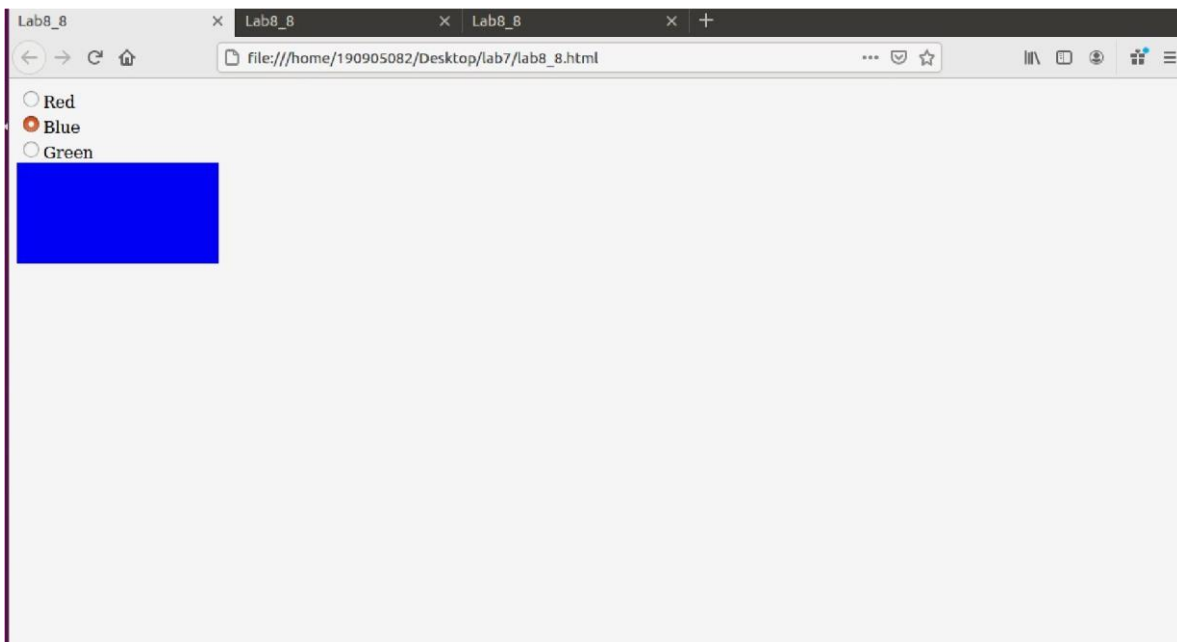
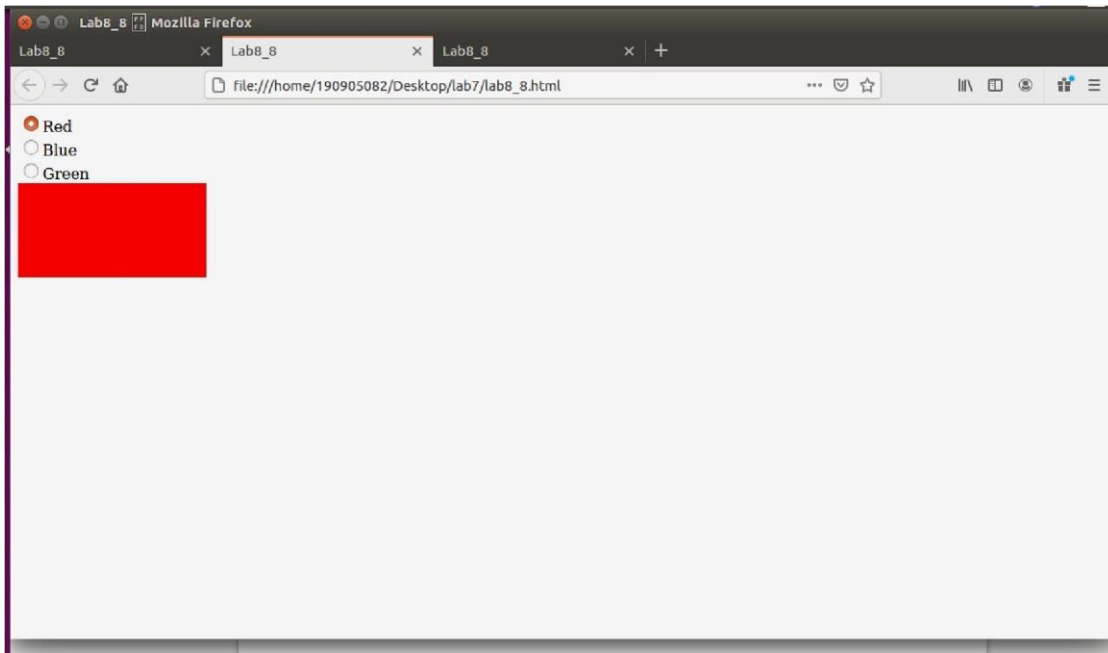


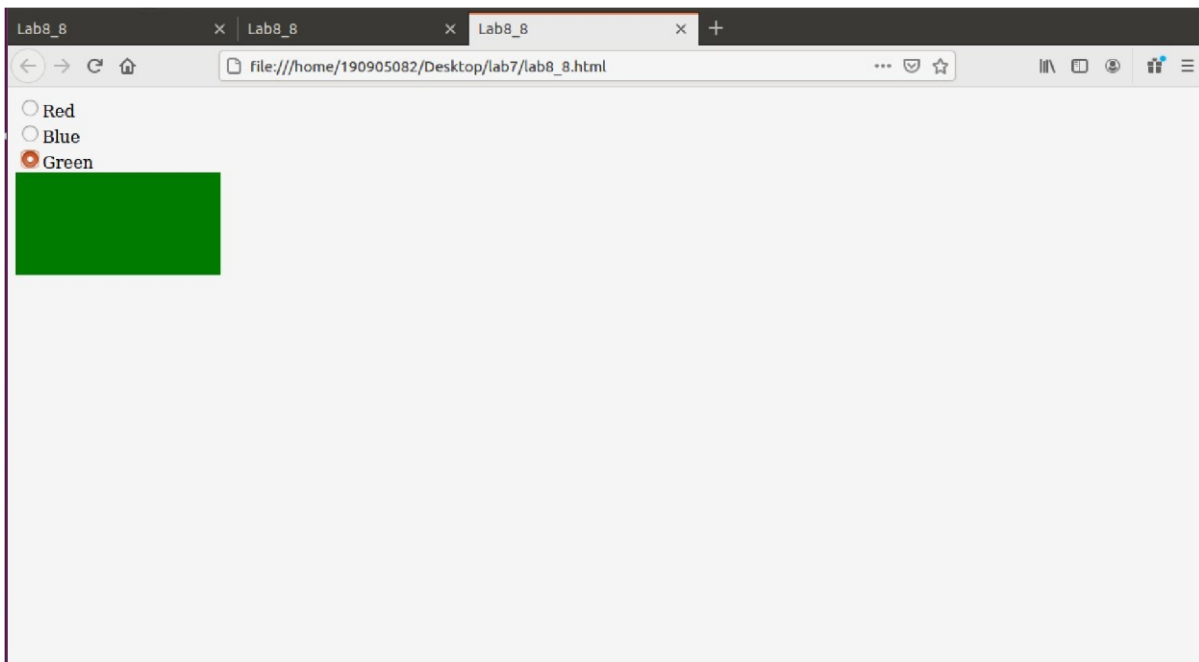
```
<!DOCTYPE html>
<html>
<head>
<title>Lab8_8</title>
</head>
<body>
<script type="text/javascript">
    function change()
    { var canv = document.getElementById('myCanvas'); if
      (document.getElementById('red').checked) canv.style['background-color'] = "red";
      else if (document.getElementById('blue').checked) canv.style['background-color'] =
"blue"; else if (document.getElementById('green').checked) canv.style['background-color'] =
"green";
    }
</script>

<input type="radio" name="color" value="red" onchange="change()" id="red">Red <br>
<input type="radio" name="color" value="blue" onchange="change()" id="blue">Blue <br>
<input type="radio" name="color" value="green" onchange="change()" id="green">Green <br>
<canvas id="myCanvas" width="200" height="100"></canvas>
</body>
</html>
```









9.

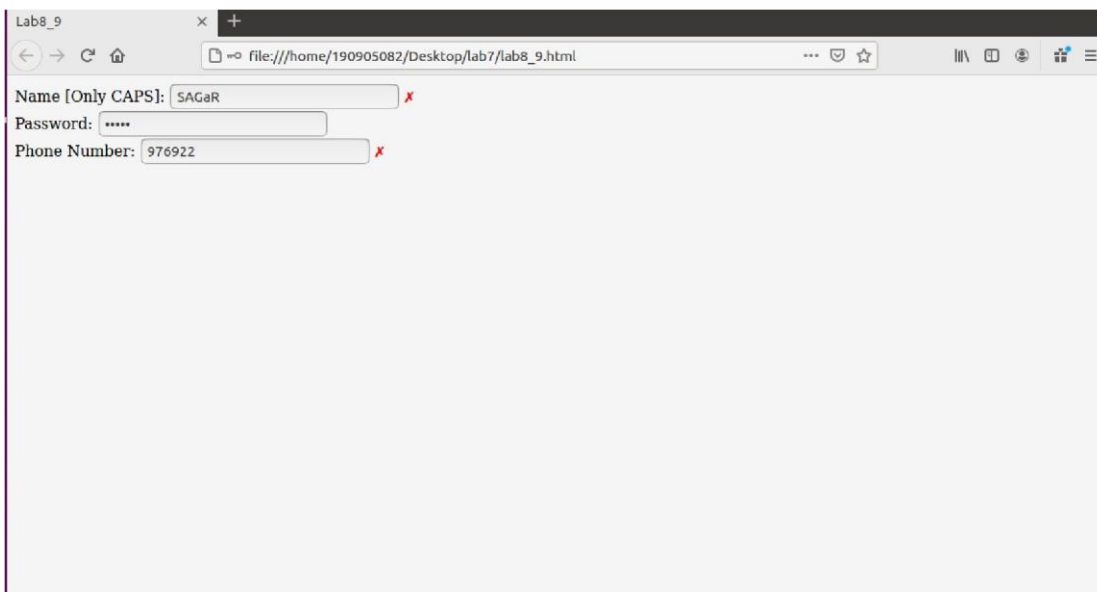
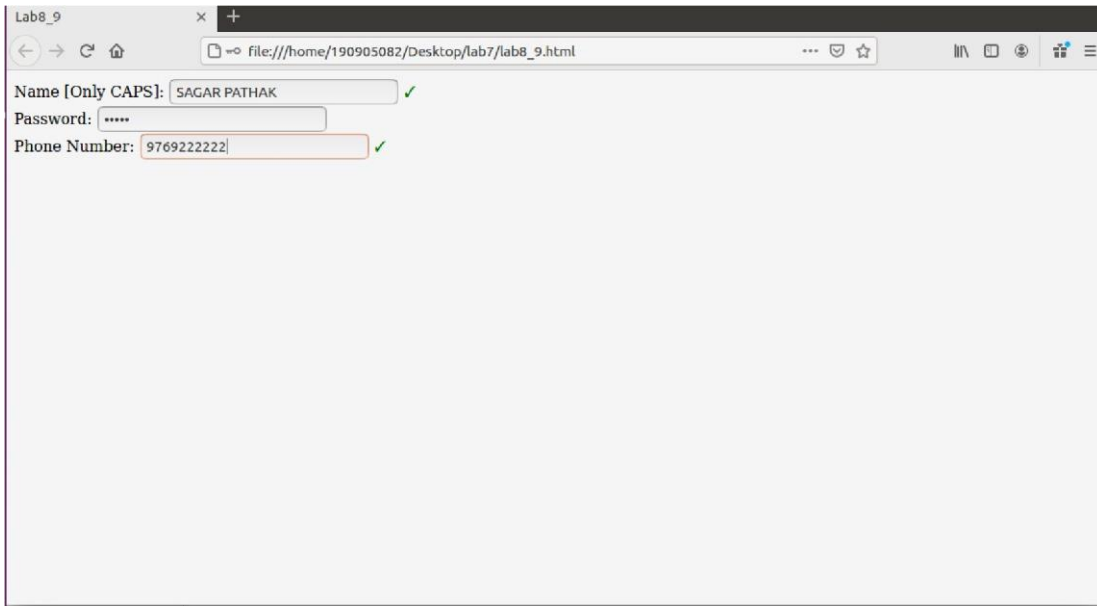
```
<!DOCTYPE html>
<html>
<head>
<title>Lab8_9</title>
</head>
<body>
<script type="text/javascript"> function check_name() { var name =
    document.getElementById('name').value;
        if (name.match(/[a-z]/g)) {
            document.getElementById('namesp').style.color = "red";
            document.getElementById('namesp').innerHTML = ' ';X
        }
        else { document.getElementById('namesp').style.color = "green";
            document.getElementById('namesp').innerHTML = ' ✓'; }
    }

    function check_number() { var phone =
        document.getElementById('pnum').value; if (phone.length
        != 10) { document.getElementById('psp').style.color =
        "red"; document.getElementById('psp').innerHTML = ' ';X
        }
        else { document.getElementById('psp').style.color = "green";
            document.getElementById('psp').innerHTML = ' ✓'; }
    }
```

```

    }
</script>
Name [Only CAPS]: <input type="text" name="name" onkeyup="check_name()"
id="name"><span id="namesp"></span><br> Password: <input
type="password" name="pswd"><br>
Phone Number: <input type="text" name="pnum" onkeyup="check_number()"
id="pnum"><span id="psp"></span>
</body>
</html>

```



10.

```
<!DOCTYPE html>
```

```

<html>
<head>
<title>Lab8_10</title>
</head>
<body>
<h1>Online Quiz</h1>
<script type="text/javascript"> function calculate_score() { var score = 0; if
    (document.getElementById("q11").checked) score += 1; if
    (document.getElementById("q23").checked) score += 1; if
    (document.getElementById("q32").checked) score += 1; if
    (document.getElementById("q42").checked) score += 1;
    document.getElementById('Score').innerHTML = ""+score; }
</script>
Who was Iron Marshal of France ? <br>
<input type="radio" name="q1" id="q11">Davout<br>
<input type="radio" name="q1" id="q12">Suchet<br>
<input type="radio" name="q1" id="q13">Lannes<br>
<br>
When did Napoleon win Battle of Austerlitz ?<br>
<input type="radio" name="q2" id="q21">1812<br>
<input type="radio" name="q2" id="q22">1807<br>
<input type="radio" name="q2" id="q23">1805<br>
<br>
Which coup brought Napoleon to power?<br>
<input type="radio" name="q3" id="q31">Paris Coup<br>
<input type="radio" name="q3" id="q32">Coup of 18 Brummaire<br>
<input type="radio" name="q3" id="q33">Robbespiere Coup<br>
<br>
Napoleon's retreat from which country became a Poetic Legend?<br>
<input type="radio" name="q4" id="q41">Spain<br>
<input type="radio" name="q4" id="q42">Russia<br>
<input type="radio" name="q4" id="q43">Prussia<br>
<br>
<button onclick="calculate_score()">Submit</button>
<br><hr>
<b>Score:</b><span id="Score"></span>

</body>
</html>

```

Lab8\_10

File:///home/190905082/Desktop/lab7/lab8\_10.html

## Online Quiz

Who was Iron Marshal of France ?

- ☒ Davout
- ☐ Suchet
- ☐ Lannes

When did Napoleon win Battle of Austerlitz ?

- ☐ 1812
- ☐ 1807
- ☒ 1805

Which coup brought Napoleon to power?

- ☐ Paris Coup
- ☒ Coup of 18 Brumaire
- ☐ Robbespiere Coup

Napoleon's retreat from which country became a Poetic Legend?

- ☐ Spain
- ☒ Russia
- ☐ Prussia

Submit

---

**Score: 4**