Hyder Presswala

16010122151

B-2

Code:

```html
<button class="btn1" onclick="add_event()">Add Event</button>
<button class="btn2" onclick="remove_event()">Remove Event</button>
<p id="para">Test</p>
<script type="text/javascript">
function add_event(){
    para=document.querySelector("#para");
    para.addEventListener("mouseover", function(){
            console.log("Mouse over function called")})

para.addEventListener("mouseout", funct);
    }

function remove_event(){

para=document.querySelector("#para");

para.removeEventListener("mouseout", funct);

}

function funct(){
```

```
console.log("Mouse out function called")


}
</script>
```

Add Event Remove Event

Test

```
<body onload="gen_cap()">

    <p id="captcha"></p>

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

    <button onclick="check_cap()">Check</button>

    <script>

    function gen_cap(){
```

```
    console.log(Math.random())

    data1 =Math.round(10*Math.random());

    data2 =Math.round(10*Math.random());

    str=` Enter ${data1} + ${data2}`

    document.querySelector("#captcha").innerHTML=
str;

    sum= data1+data2;

    //console.log(sum)
    }

    function check_cap(){

    rec=document.querySelector("#txt").value;

    console.log(rec);

    if (rec == sum){
    console.log("Valid");
    }
    else{
        console.log("Invalid");
    }}
</script>
    </body>
```

Enter 6 + 3

9   Check

Enter 1 + 8

7   Check

Elements   Console   Sources   Network   >>

top ▾   Filter   Default levels

0.5942635329602608

9

Valid

>

Elements   Console   Sources

top ▾   Filter

0.4641004891246734

7

Invalid

>

Elements   Console

top ▾   Filter   Default levels

0.5942635329602608

9

Valid