DEPARTMENT OF COMPUTER SCIENCE

(SOFTWARE ENGINEERING)

SAIFULLAH

SP21-BSE-104

LAB TASK # 10

WEB TECHNOLOGIES

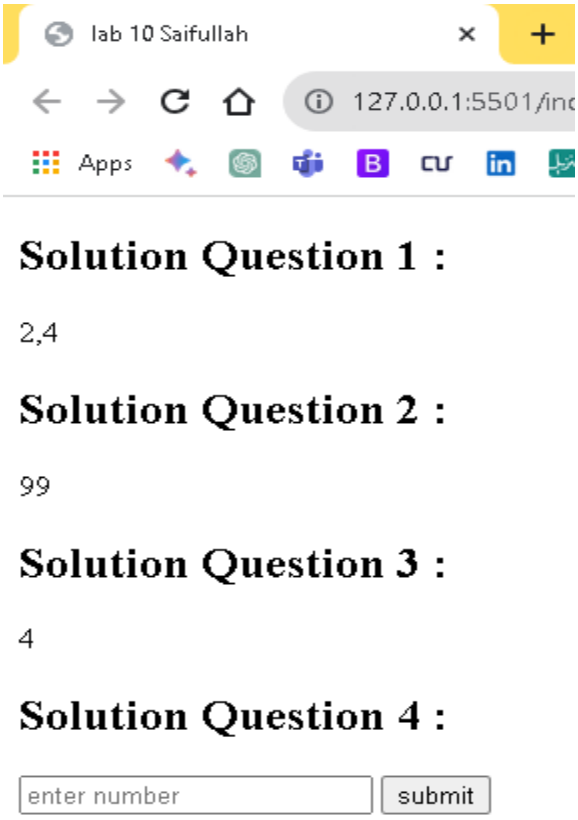
BSE-6B

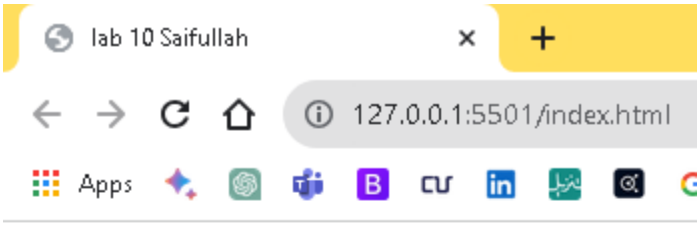
23 November 2023

```
<!DOCTYPE html>

<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>lab 10 Saifullah</title>
</head>
<body>
    <h2>Solution Question 1 :</h2>
   <p id="1">i. Create an array [2, 4, 6, 8, 10, 12] and then display all those
numbers that are less than 5 by using an appropriate method.</p>
   <h2>Solution Question 2 :</h2>
   <p id="2">ii.    Create an array [1, 11, 111] and then subtract numbers from
right to left by using a suitable method and display the output</p>
   <h2>Solution Question 3 :</h2>
   <p id="3">iii.   Create an array [“Instagram”, “Twitter”, “Facebook”,
“Snapchat”, “Instagram”, “LinkedIn”] and then find the last index of “Instagram”
from the given array and display that index.</p>
   <h2>Solution Question 4 :</h2>
   <input id="input" type="number" placeholder="enter number">
   <button onclick=submit()>submit</button>
   <p id="4">iv.    Ask the user to enter a number from 0 to 9. If the user
enters a number from the given range (from 0 to 9), then display that number.
Otherwise, display a message that you (enter your name) entered a number out of
range (for example “Hasnain Iqbal enter a number out of range”).</p>

<script>
    //solution 1
var q1 = [2, 4, 6, 8, 10, 12];

document.getElementById("1").innerHTML = q1.filter(num=>num<5);
 //solution 2
var q2 = [1, 11, 111];
document.getElementById("2").innerHTML = q2.reduceRight((acc,num)=>acc-num);

 //solution 3
var q3 = ["instagram","twitter","facebook","snapchat","instagram","linkedin"];
document.getElementById("3").innerHTML = q3.lastIndexOf("instagram");

  //solution 4
function submit(){
    var name = "saifullah";
    document.getElementById("4").innerHTML = "";
    var num=document.getElementById("input").value
```

```
    console.log(num)
    if(num>=0 & num< 10){
    document.getElementById("4").innerHTML = num;
}
    else{
        window.alert(name + " enter a number out of range  ")
         }
         }
</script>


</body>

</html>
```

SCREENSHOTS:





Solution Question 1 :

2,4

Solution Question 2 :

99

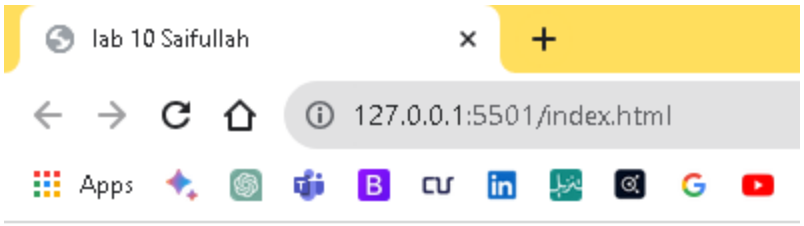
Solution Question 3 :

4

Solution Question 4 :

9 submit

9



Solution Question 1 :

2,4

Solution Question 2 :

99

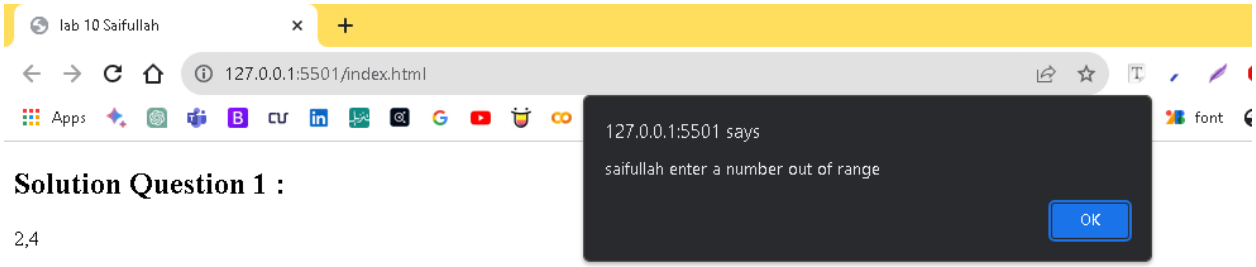
Solution Question 3 :

4

Solution Question 4 :

0 submit

0



Solution Question 1 :

2,4

Solution Question 2 :

99

Solution Question 3 :

4

Solution Question 4 :

23 submit