

Assignment 5

Description:

1. Assume that you have the following JavaScript code:

Code - 1

```
<script>
  function countRabbits() {
    for(let i=1; i<=3; i++) {
      alert("Rabbit number " + i);
    }
  }
</script>
```

```
<input type="button" onclick="countRabbits" value="Count
rabbits!">
```

Code - 2

```
<button id="myBtn">Try it</button>
  <script>

document.getElementById("myBtn").addEventListener("click",
function () {
    this.style.backgroundColor = "red";
  });
</script>
```

let's format a message containing a string and an integer

Show the output Code -1

2. Get the output of countRabbits() function and if you find the code and syntax error correct them.

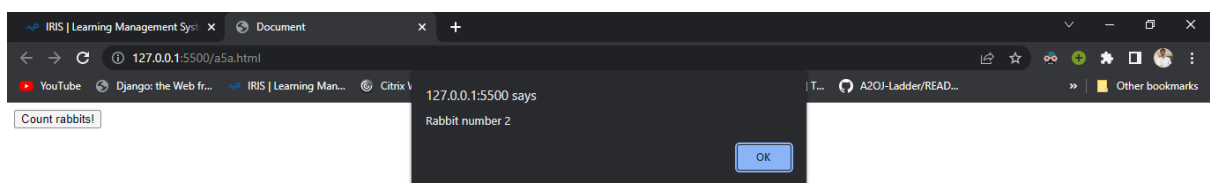
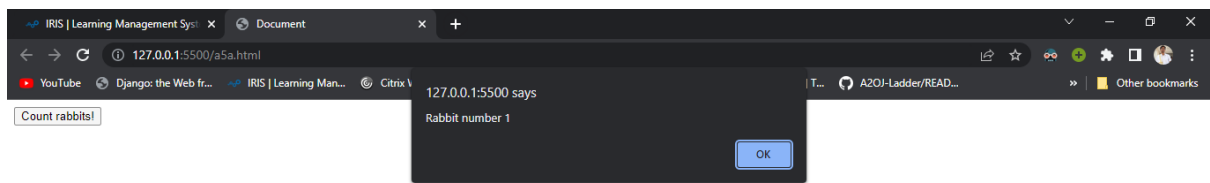
```
3. <!DOCTYPE html>
4. <html lang="en">
5. <head>
6.   <meta charset="UTF-8">
7.   <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

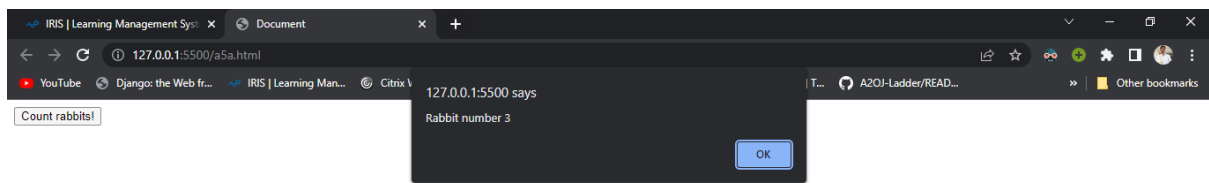
```
8.     <meta name="viewport" content="width=device-width, initial-
      scale=1.0">
9.     <title>Document</title>
10. </head>
11. <body>
12.     <script>
13.         function countRabbits() {
14.             for(let i=1; i<=3; i++) {
15.                 alert("Rabbit number " + i);
16.             }
17.         }
18.     </script>
19.
20.     <input type="button" onclick="countRabbits()" value="Count
      rabbits!">
21.
22. </body>
23. </html>
```

24. Using this function able to count the value.

Yes, this function consoled the value

Output:





Show the output Code -2

Try it

1. Get the output of code - 2 if there is any error find out the correct code snap.

```
2. <!DOCTYPE html>
3. <html lang="en">
4. <head>
5.     <meta charset="UTF-8">
6.     <meta http-equiv="X-UA-Compatible" content="IE=edge">
```



```
7.     <meta name="viewport" content="width=device-width, initial-  
      scale=1.0">  
8.     <title>Document</title>  
9. </head>  
10. <body>  
11.     <button id="myBtn">Try it</button>  
12.     <script>  
13.         document.getElementById("myBtn").addEventListener("click",  
      function () {  
14.             this.style.backgroundColor = "red";  
15.         });  
16.     </script>  
17.  
18. </body>  
19. </html>
```

20. Event listener are able to change the color of mention element or not?

YES

Performance Outcomes:

Upon successful completion of the assignment, the participant is well versed in

- A. User are able use different function mechanism and use of them.
- B. Able to know how can call a function on button click.
- C. Use of action listener using javascript.
- D. How can use or developer change the color of button on click event.