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SECTION: BSIT-3B

SUBJECT: WEB SYSTEMS AND TECHNOLOGIES

main.js

Share

Run

```
1 // Prompt user to enter their age
2 let age = prompt("Enter your age:");
3
4 // Check if age is 25 or older
5 if (age >= 25) {
6     // If true, display this message
7     alert("You are 25 years old or older!");
8 } else {
9     // If false, display this message
10    alert("You are below 25 years old.");
11 }
12
13 // Prompt user to enter a number
14 let number = prompt("Enter a number:");
15
16 // Check if the number entered is less than 100
17 if (number < 100) {
18     // If true, display this message
19     alert("You entered a number less than 100.");
20 } else {
21     // If false, display this message
22     alert("The number you entered is 100 or greater.");
23 }
24
25 // Print numbers from 0 to 30 using a for loop
26 console.log("Numbers from 0 to 30:");
27 for (let i = 0; i <= 30; i++) {
28     // Print the current value of i in the loop
29     console.log(i);
30 }
31
32 // Print even numbers from 0 to 40 using a for loop
33 console.log("Even numbers from 0 to 40:");
34 for (let i = 0; i <= 40; i++) {
35     // Check if the number is even (i.e., divisible by 2)
```

Output

Clear

Enter your age:20  
You are below 25 years old.  
Enter a number:50  
You entered a number less than 100.  
Numbers from 0 to 30:  
0  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29

main.js

Share

Run

```
16 // Check if the number entered is less than 100
17 if (number < 100) {
18     // If true, display this message
19     alert("You entered a number less than 100.");
20 } else {
21     // If false, display this message
22     alert("The number you entered is 100 or greater.");
23 }
24
25 // Print numbers from 0 to 30 using a for loop
26 console.log("Numbers from 0 to 30:");
27 for (let i = 0; i <= 30; i++) {
28     // Print the current value of i in the loop
29     console.log(i);
30 }
31
32 // Print even numbers from 0 to 40 using a for loop
33 console.log("Even numbers from 0 to 40:");
34 for (let i = 0; i <= 40; i++) {
35     // Check if the number is even (i.e., divisible by 2)
36     if (i % 2 === 0) {
37         // If true, print the even number
38         console.log(i);
39     }
40 }
41
42 // Print multiples of 3 from 40 down to 10 using a for loop
43 console.log("Multiples of 3 from 40 down to 10:");
44 for (let i = 40; i >= 10; i--) {
45     // Check if the current number is divisible by 3
46     if (i % 3 === 0) {
47         // If true, print the multiple of 3
48         console.log(i);
49     }
50 }
51
```

Output

Clear

30  
Even numbers from 0 to 40:  
0  
2  
4  
6  
8  
10  
12  
14  
16  
18  
20  
22  
24  
26  
28  
30  
32  
34  
36  
38  
40  
Multiples of 3 from 40 down to 10:  
39  
36  
33  
30  
27  
24  
21  
18  
15  
12  
--- Code Execution Successful ---