

1. Program to write the first 10 numbers.

main.js		Output
1	<code>for(let i=1; i<=10; i++){</code>	node /tmp/iM6DtQ9Zl0.js
2	<code> console.log(i)</code>	1
3	<code>}</code>	2
		3
		4
		5
		6
		7
		8
		9
		10

2. Program to calculate the sum of first 10 numbers.

main.js		Output
<pre>1 let sum=0; 2 for(let i=1; i<=10; i++){ 3 sum=sum+i; 4 } 5 console.log(sum);</pre>		<pre>node /tmp/iM6DtQ9Zl0.js 55 </pre>

3. Make the loop stop when i is 5.

main.js		Run	Output
1	for(let i=0; i<10; i++){		node /tmp/iM6DtQ9Zl0.js
2	console.log(i);		0
3	if(i==5){		1
4	break;		2
5	}		3
6	}		4
			5

4. Write a program to print day of week name using switch case.

main.js	Run	Output
<pre>1 let day=5; 2 switch (day) { 3 case 0: 4 console.log("Sunday"); 5 break; 6 case 1: 7 console.log("Monday"); 8 break; 9 case 2: 10 console.log("Tuesday"); 11 break; 12 case 3: 13 console.log("Wednesday"); 14 break; 15 case 4: 16 console.log("Thursday"); 17 break; 18 case 5: 19 console.log("Friday"); 20 break;</pre>		<pre>node /tmp/6fiuE0HnvJ.js Friday</pre>
<pre>21 case 6: 22 console.log("Saturday"); 23 break; 24 default: 25 console.log("Plese enter valid number between 0-6"); 26 }</pre>		

5. Write a program print total number of days in a month using switch case.

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main.js  [Icons]  Run  Output
1  let month=10;
2  switch(month)
3  {
4      case 1:
5          console.log("31 days");
6          break;
7      case 2:
8          console.log("28/29 days");
9          break;
10     case 3:
11         console.log("31 days");
12         break;
13     case 4:
14         console.log("30 days");
15         break;
16     case 5:
17         console.log("31 days");
18         break;
19     case 6:
20         console.log("30 days");
21         break;
```

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22     case 7:
23         console.log("31 days");
24         break;
25     case 8:
26         console.log("31 days");
27         break;
28     case 9:
29         console.log("30 days");
30         break;
31     case 10:
32         console.log("31 days");
33         break;
34     case 11:
35         console.log("30 days");
36         break;
37     case 12:
38         console.log("31 days");
39         break;
40     default:
41         printf("Invalid input! Please enter month number between
42             1-12");
43 }
```