

aggarwal.abhishek15 (Guest) 16-03 10:32 pm

Assignment 3

Mar22 Web Fundamentals

1. Program to write the first 10 numbers.
2. Program to calculate the sum of first 10 numbers
3. Make the loop stop when i is 5.

```
for (i = 0; i < 10; i++) {  
    console.log(i);  
    if (i == 5) {  
        -----;  
    }  
}
```

4. Write a program to print day of week name using switch case.
5. Write a program print total number of days in a month using switch case.

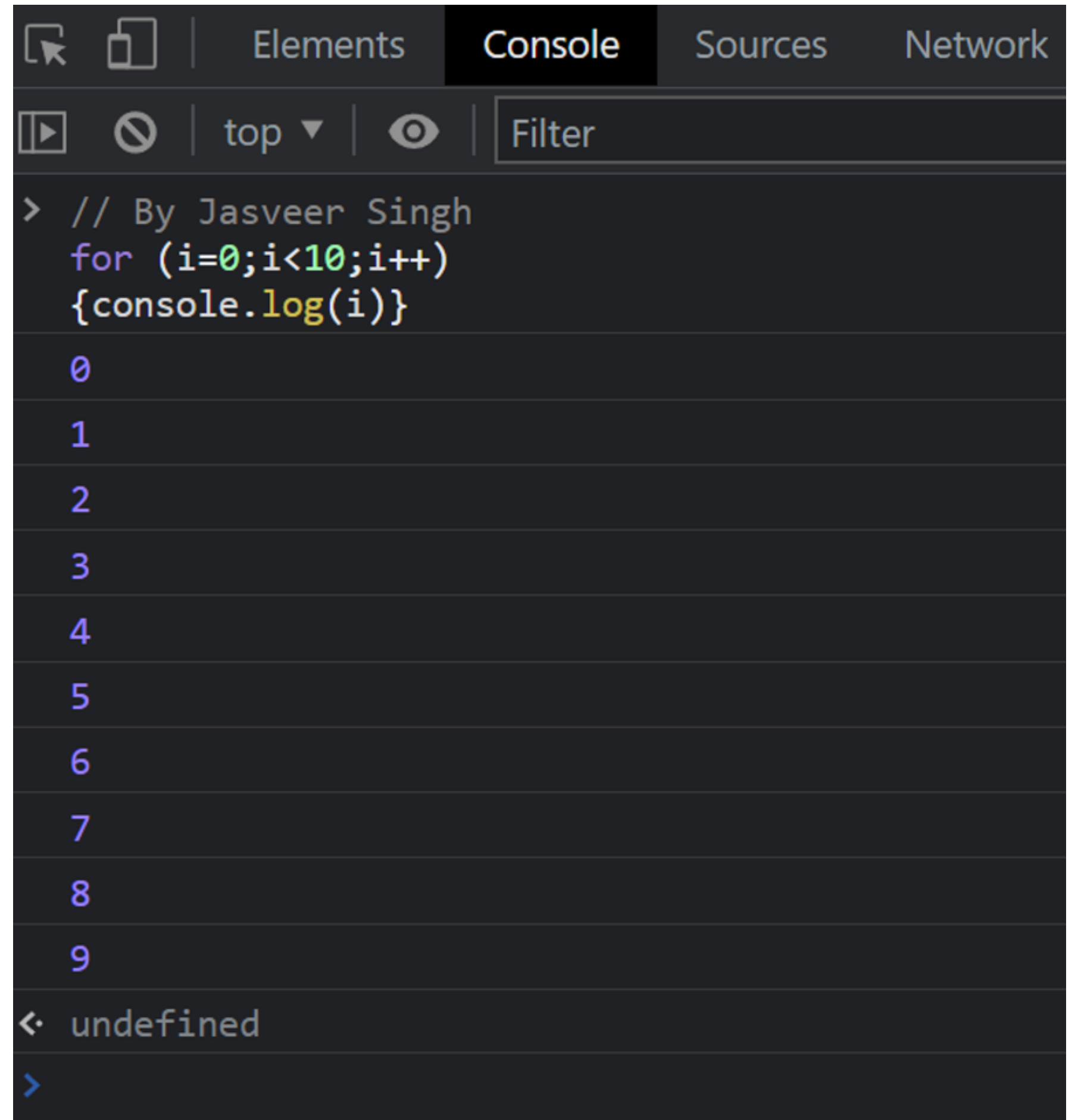
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ASSIGNMENT 3

1. Program to write the first 10 numbers.

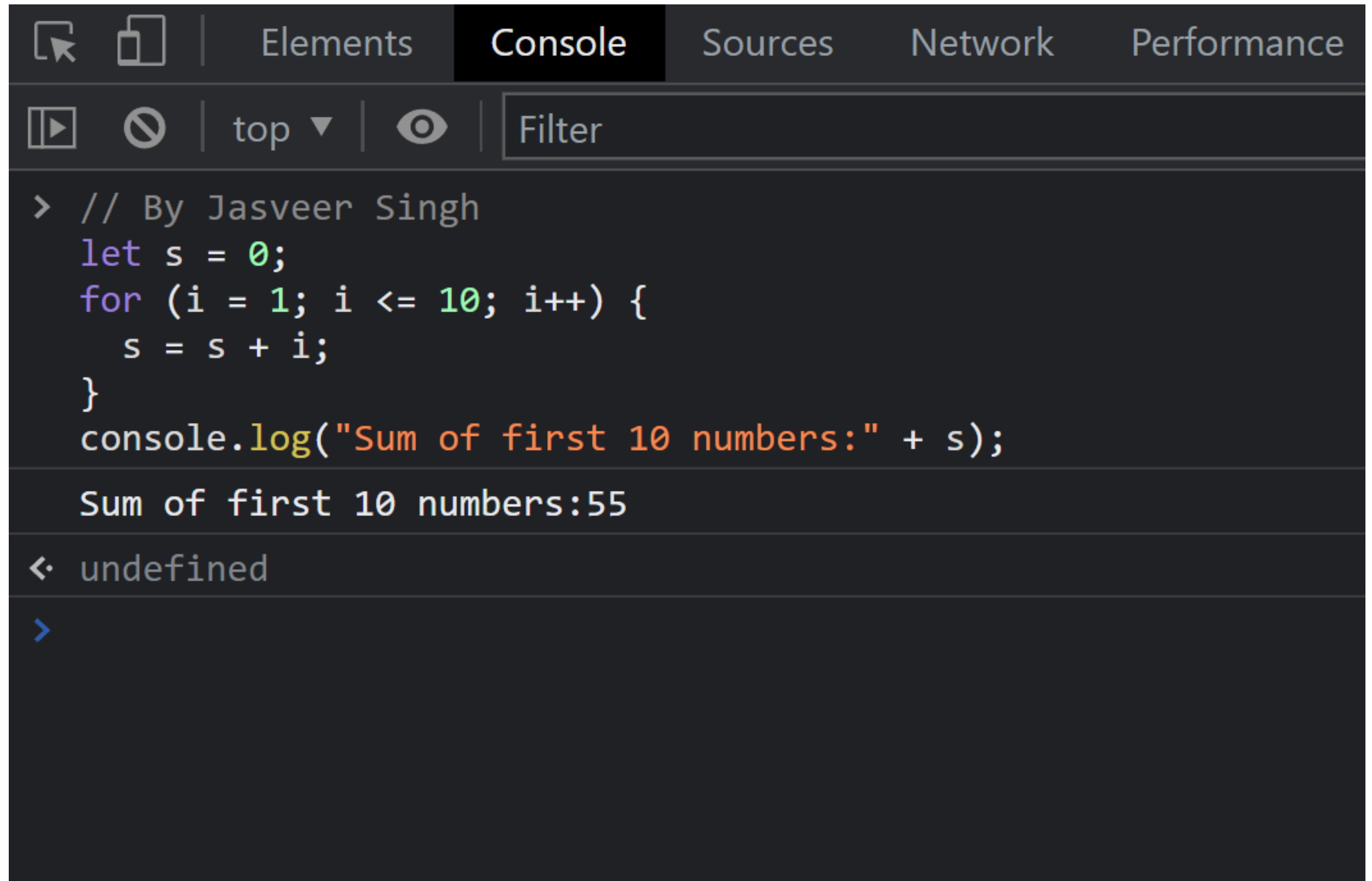


```
> // By Jasveer Singh
  for (i=0;i<10;i++)
  {console.log(i)}

0
1
2
3
4
5
6
7
8
9
< undefined
>
```

The screenshot shows a web browser's developer console with the 'Console' tab selected. The console displays the output of a JavaScript program that prints the first 10 numbers (0 through 9) on separate lines. The program code is visible at the top of the console, and the output is listed below it. The console also shows a prompt character '>' at the bottom, indicating it is ready for the next command.

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



The screenshot shows a web browser's developer console with the 'Console' tab selected. The console displays the following JavaScript code and its output:

```
> // By Jasveer Singh
  let s = 0;
  for (i = 1; i <= 10; i++) {
    s = s + i;
  }
  console.log("Sum of first 10 numbers:" + s);
```

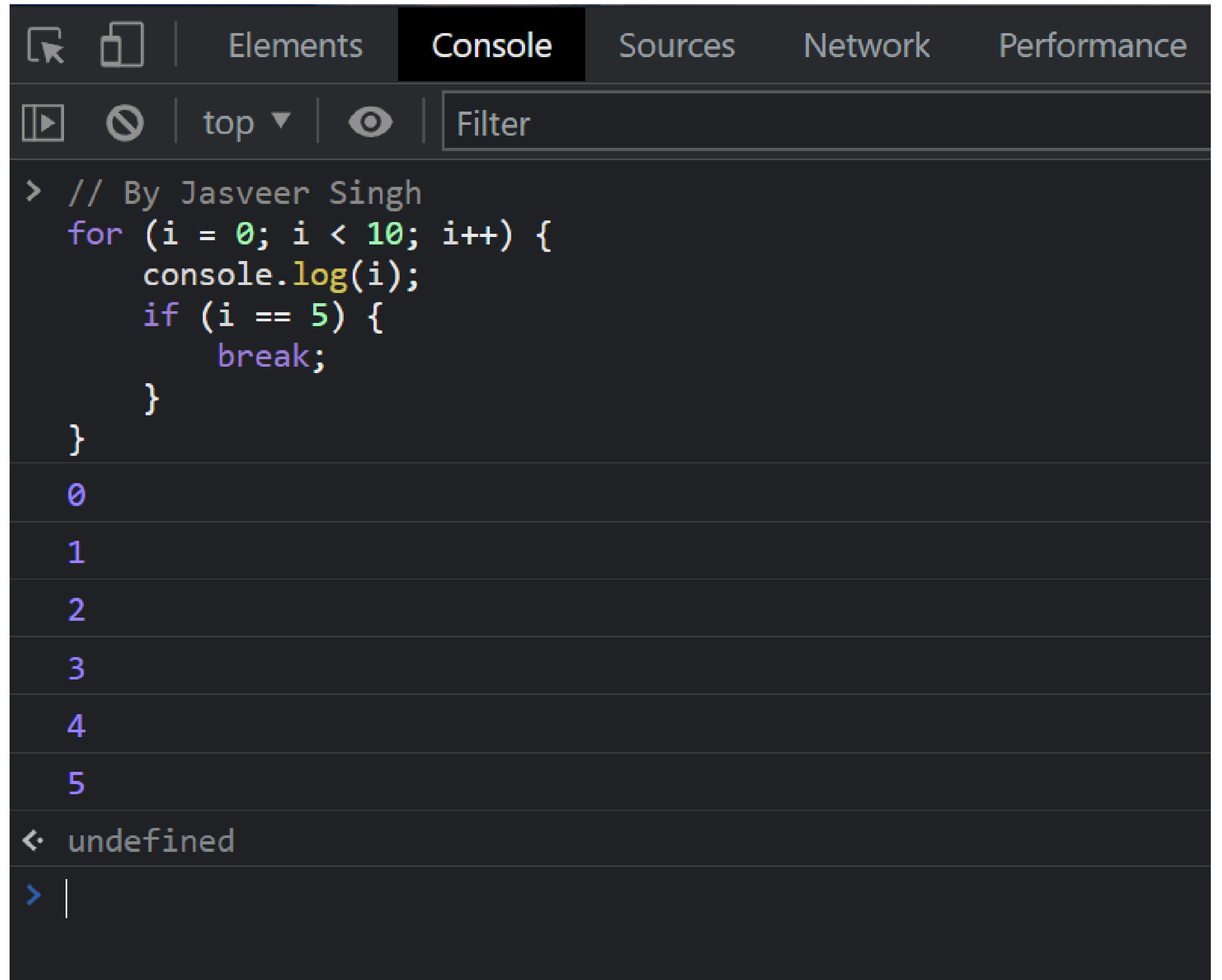
The output of the code is:

```
Sum of first 10 numbers:55
```

Below the output, the console shows the return value of the last statement, which is `undefined`, followed by a prompt character `>`.

**3. Make the loop stop
when i is 5.**

```
for (i = 0; i < 10; i++)  
{console.log(i);  
  if (i == 5) {  
    _____;  
  }  
}
```



The screenshot shows a web browser's developer console with the 'Console' tab selected. The console displays the output of a JavaScript loop that prints numbers from 0 to 4, followed by 'undefined' and a prompt character '>'. The code in the console is as follows:

```
> // By Jasveer Singh  
for (i = 0; i < 10; i++) {  
  console.log(i);  
  if (i == 5) {  
    break;  
  }  
}
```

The output in the console is:

```
0  
1  
2  
3  
4  
5  
< undefined  
> |
```

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



```
> // By Jasveer Singh
  switch (new Date().getDay()) {
    case 0:
      day = "Sunday";
      break;
    case 1:
      day = "Monday";
      break;
    case 2:
      day = "Tuesday";
      break;
    case 3:
      day = "Wednesday";
      break;
    case 4:
      day = "Thursday";
      break;
    case 5:
      day = "Friday";
      break;
    case 6:
      day = "Saturday";
      break;
  }
< 'Monday'
>
```

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

```
> // By Jasveer Singh
var a = parseInt(prompt("enter a month number please."), 10);
var month = [
    "January", "February", "March", "April", "May", "June",
    "July", "August", "September", "October", "November", "December"
];
var b = month[a - 1];
var season;
switch (a) {
    case 12:
    case 1:
    case 2: season = "winter"; break;
    case 3:
    case 4:
    case 5: season = "spring"; break;
    case 6:
    case 7:
    case 8: season = "summer"; break;
    case 9:
    case 10:
    case 11: season = "fall"; break;
}
document.write(" It is " + b + ", which is in " + season + ".");
```