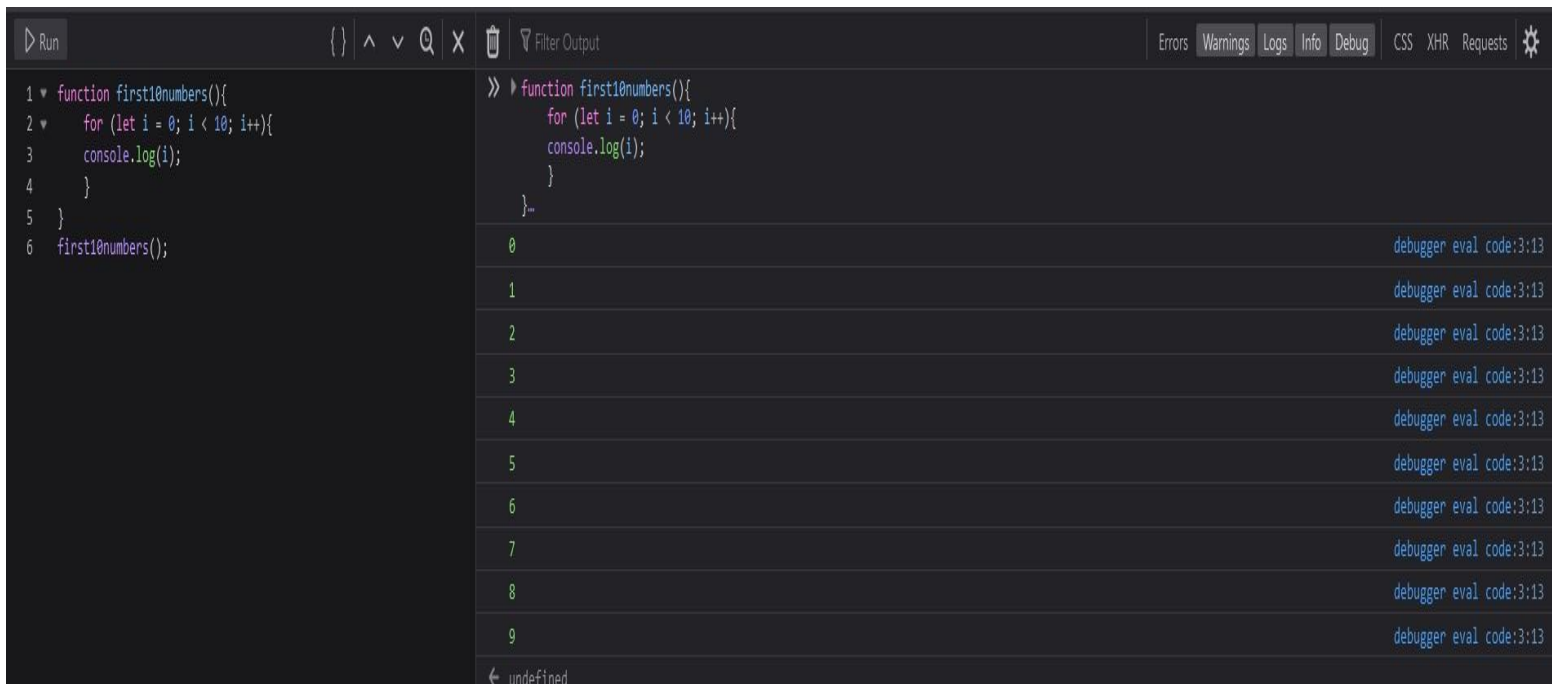


1. Program to write the first 10 numbers

```
Function first10numbers() {  
    For(let I = 0; I < 10; I ++){  
        Console.log(i);  
    }  
}
```

OUTPUT WINDOW



The screenshot shows a web browser's developer console with the 'Console' tab selected. The left pane displays the source code of a function named `first10numbers()` which uses a `for` loop to log the first 10 numbers. The right pane shows the execution results, which are the numbers 0 through 9, each followed by the text `debugger eval code:3:13`. The console interface includes a 'Run' button, a 'Filter Output' search bar, and tabs for 'Errors', 'Warnings', 'Logs', 'Info', 'Debug', 'CSS', 'XHR', and 'Requests'.

```
1 function first10numbers(){  
2   for (let i = 0; i < 10; i++){  
3     console.log(i);  
4   }  
5 }  
6 first10numbers();
```

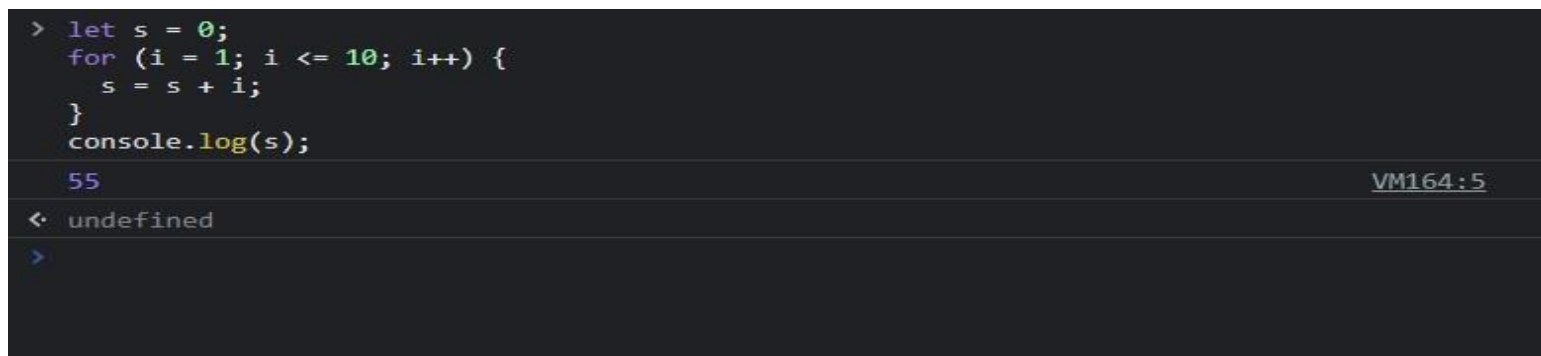
```
>> function first10numbers(){  
    for (let i = 0; i < 10; i++){  
        console.log(i);  
    }  
}
```

0 debugger eval code:3:13
1 debugger eval code:3:13
2 debugger eval code:3:13
3 debugger eval code:3:13
4 debugger eval code:3:13
5 debugger eval code:3:13
6 debugger eval code:3:13
7 debugger eval code:3:13
8 debugger eval code:3:13
9 debugger eval code:3:13
← undefined

2. Program to calculate the sum of first 10 numbers

```
Let S = 0;  
For(I = 1; I <= 10; I ++){  
    S = S + I;  
}  
Console.log(S);  
}
```

OUTPUT WINDOW



The screenshot shows a web browser's developer console with the 'Console' tab selected. The left pane displays the source code of a function that calculates the sum of the first 10 numbers. The right pane shows the execution results, which is the number 55, followed by the text `VM164:5`. The console interface includes a 'Run' button, a 'Filter Output' search bar, and tabs for 'Errors', 'Warnings', 'Logs', 'Info', 'Debug', 'CSS', 'XHR', and 'Requests'.

```
> let s = 0;  
  for (i = 1; i <= 10; i++) {  
    s = s + i;  
  }  
  console.log(s);
```

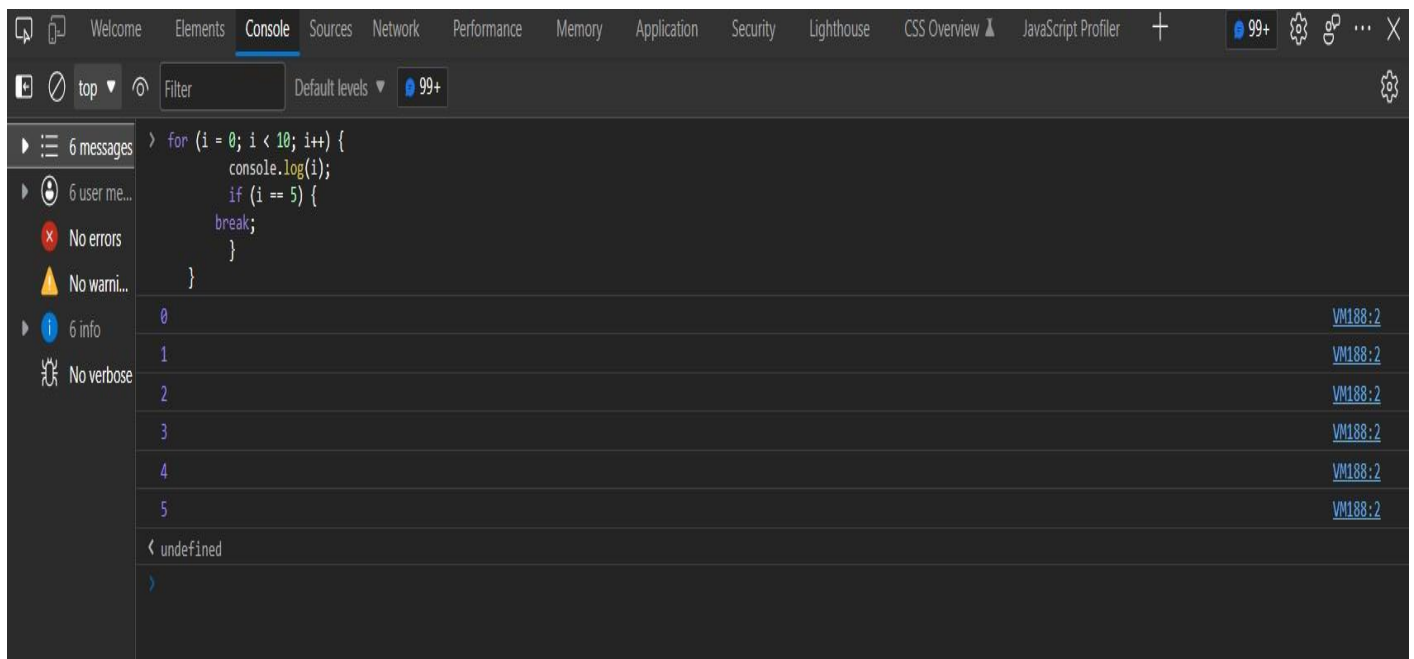
55 VM164:5
← undefined
>

3. Make the loop stop when i is 5.
for (i = 0; i < 10; i++) {
console.log(i);
if (i == 5) {

-----;
}
}

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

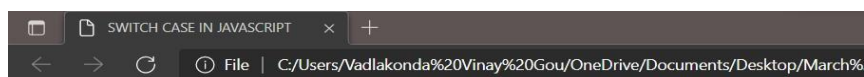
OUTPUT WINDOW



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

```
<html>
  <head>
    <title>SWITCH CASE IN JAVASCRIPT</title>
  </head>
  <body>
    <script type = "text/javascript">
      var day = 1;
      switch (day) {
        case 1 :
          document.write("<h1>Case 1 is Assigned to Monday</h1>");
          break;
        case 2 :
          document.write("<h1>Case 2 Assign to Tuesday</h1>");
          break;
        case 3 :
          document.write("<h1>Case 3 Assign to Wednesday</h1>");
          break;
        case 4 :
          document.write("<h1>Case 4 Assign to Thursday</h1>");
          break;
        case 5 :
          document.write("<h1>Case 5 Assign to Friday</h1>");
          break;
        case 6 :
          document.write("<h1>Case 6 Assign to Saturday</h1>");
          break;
        case 7 :
          document.write("<h1>Case 7 Assign to sunday</h1>");
          break;
        default :
          document.write("<h1>invalid number</h1>");
          break ;
      }
    </script>
  </body>
</html>
```

OUTPUT WINDOW (When input key is 1 the output is given below)

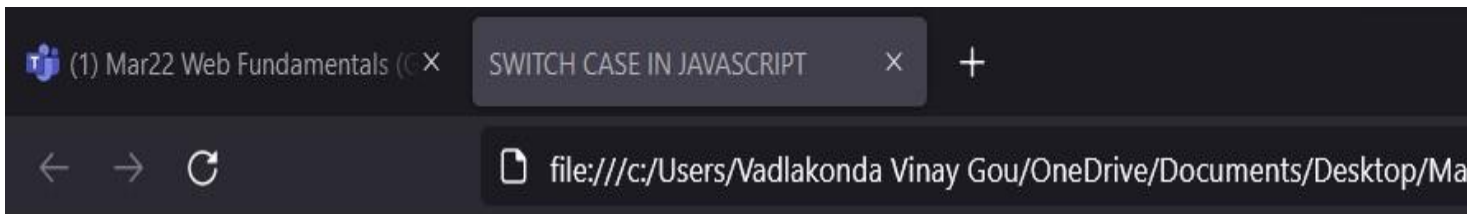


Case 1 is Assigned to Monday

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

```
<html>
<head>
  <title>SWITCH CASE IN JAVASCRIPT</title>
</head>
<body>
  <script type = "text/javascript">
    var month = 1;
    switch(month) {
      case 1 :
        document.write("<h2>No of days in a January is 31</h2>");
        break;
      case 2 : February
        document.write("<h2>No of days in a February is 28 - In case of leap year
29days</h2>");
        break;
      case 3 :
        document.write("<h2>No of days in a March is 31</h2>");
        break;
      case 4 :
        document.write("<h2>No of days in a April is 30</h2>");
        break;
      case 5 :
        document.write("<h2>No of days in a May is 31</h2>");
        break;
      case 6 :
        document.write("<h2>No of days in a June is 30</h2>");
        break;
      case 7 :
        document.write("<h2>No of days in a July is 31</h2>");
        break;
      case 8 :
        document.write("<h2>No of days in a August is 31</h2>");
        break;
      case 9 :
        document.write("<h2>No of days in a September is 30</h2>");
        break;
      case 10 :
        document.write("No of days in a October is 31</h2>");
        break;
      case 11 :
        document.write("<h2>No of days in a Novermber is 30</h2>");
        break;
      case 12 :
        document.write("<h2>No of days in a December is 31</h2>");
        break;
      default :
        document.write("<h2>invalid number</h2>");
```

```
        break ;  
    }  
</script>  
</body>  
</html>
```

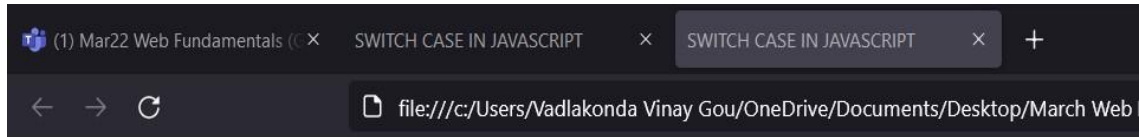


No of days in a January is 31

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

```
<html>
<head>
  <title>SWITCH CASE IN JAVASCRIPT</title>
</head>
<body>
  <script type = "text/javascript">
    var month = 8;
    switch(month) {
      case 1 :
      case 3 :
      case 5 :
      case 7 :
      case 8 :
      case 10 :
      case 12 :
        document.write("<h1>No of days in this month is 31 days</h1>");
        break;
      case 8 :
      case 9 :
      case 10 :
      case 11 :
      case 12 :
        document.write("<h1>No of days in this month is 30 days</h1>");
        break;
      case 2 :
        document.write("<h1>No of days in this month is 28 days - in case of leap year
29 days</h1>");
        break;
      default :
        document.write("<h1>invalid number</h1>");
        break ;
    }
  </script>
</body>
```

</html>



No of days in this month is 31 days