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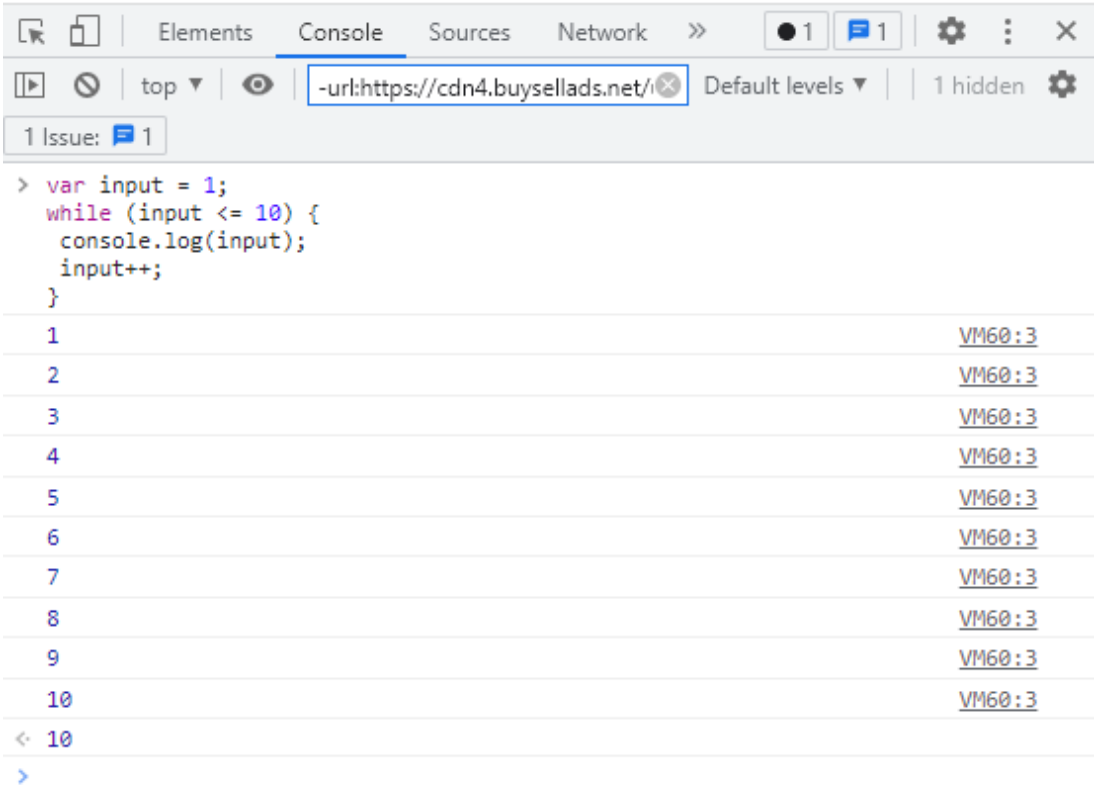
**ASSIGNMENT 3**

1. Program to write the first 10 numbers.

Program:

```
var input = 1;

while (input <= 10) {

console.log(input);

input++;

}
```

Output:

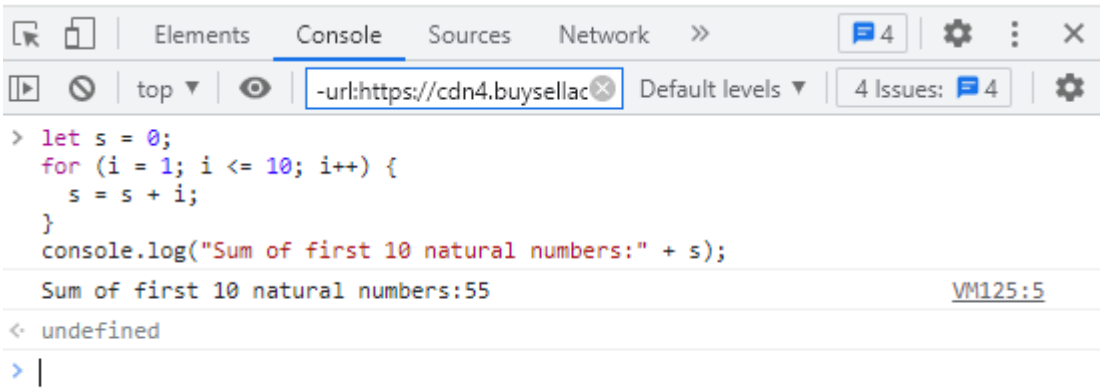


2. Program to calculate the sum of first 10 numbers

Program:

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

Output:




3. Make the loop stop when i is 5.

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

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

Program:

```
  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;
    }
```

Output:


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

Program:

```
let year = 2022;
let month = 6;
let dayCount;
switch (month) {
        case 1:
```

```
        case 3:
        case 5:
        case 7:
        case 8:
        case 10:
        case 12:
dayCount = 31;
break;
        case 4:
        case 6:
        case 9:
        case 11:
dayCount = 30;
break;
        case 2:
if ((year % 4 == 0 && !(year % 100 == 0)) || year % 400 == 0) {
dayCount = 29;
} else {
dayCount = 28;
}
 break;
default:
dayCount = -1;
}
console.log(dayCount);
```

Output:


Elements
Console
Sources
Network
Performance
Memory
top
-url:https://cdn4.buysellads.net/uu/1/3386/1525189943-38523.
let year = 2022;
let month = 6;
let dayCount;
switch (month) {
case 1:
case 3:
case 5:
case 7:
case 8:
case 10:
case 12:
dayCount = 31;
break;
case 4:
case 6:
case 9:
case 11:
dayCount = 30;
break;
case 2:
if ((year % 4 == 0 && !(year % 100 == 0)) || year % 400 == 0) {
dayCount = 29;
} else {
dayCount = 28;
}
break;
default:
dayCount = -1;
}
console.log(dayCount);
30
undefined