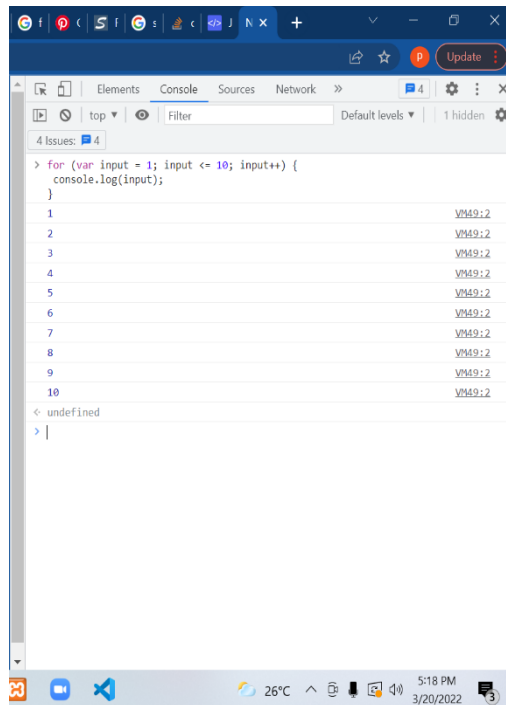


## 1. Program to write the first 10 numbers

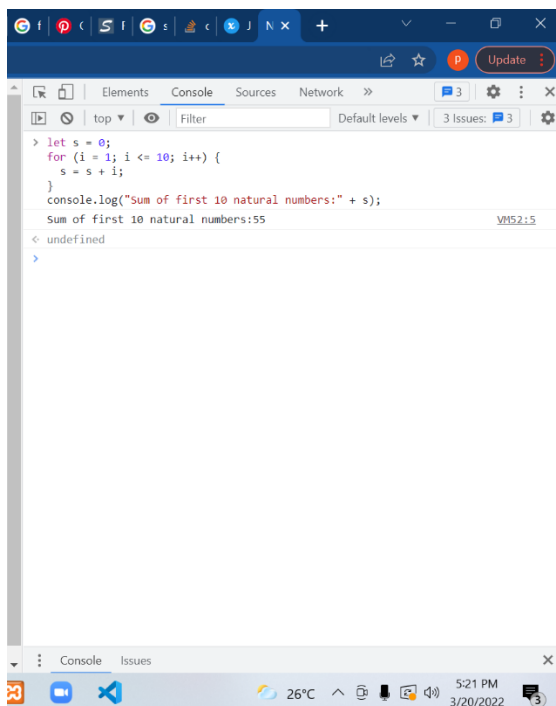
```
for (var input = 1; input <= 10; input++) {  
    console.log(input);  
}
```



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

```
let s = 0;  
for (i = 1; i <= 10; i++) {
```

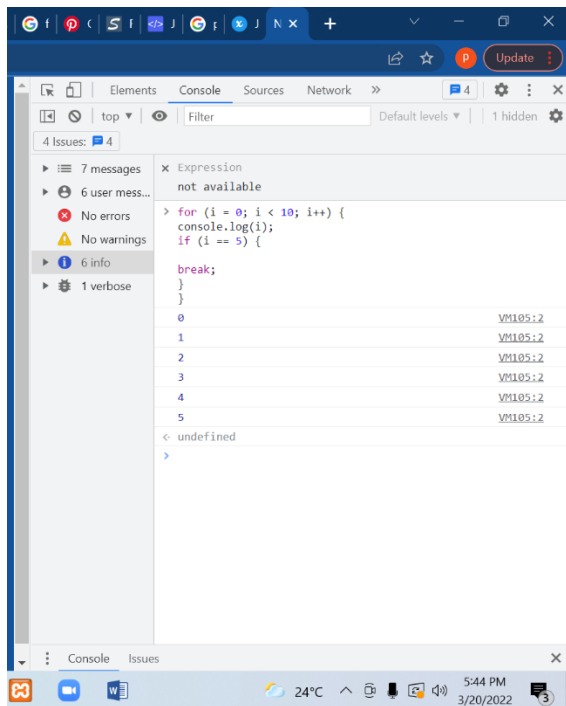
```
s = s + i;  
}  
console.log("Sum of first 10 natural numbers:" +  
s);
```



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.

```
let day = 3;
```

```
let dayName;
```

```
switch (day) {
```

```
  case 1:
```

```
    dayName = 'Sunday';
```

```
    break;
```

```
  case 2:
```

```
    dayName = 'Monday';
```

```
    break;
```

```
  case 3:
```

```
    dayName = 'Tuesday';
```

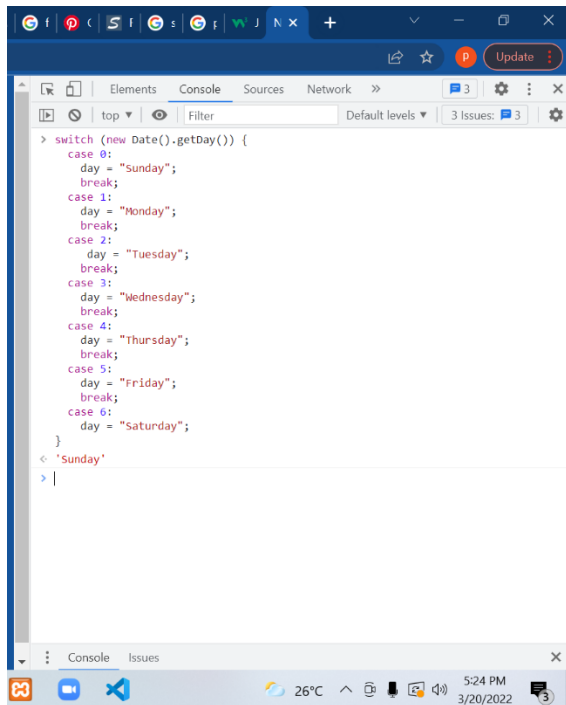
```
    break;
```

```
  case 4:
```

```
    dayName = 'Wednesday';
```

```
    break;
case 5:
    dayName = 'Thursday';
    break;
case 6:
    dayName = 'Friday';
    break;
case 7:
    dayName = 'Saturday';
    break;
default:
    dayName = 'Invalid day';
}

console.log(dayName);
```



```
> 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";  
  }  
< 'Sunday'  
> |
```

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

```
let year = 2016;
```

```
let month = 2;
```

```
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:
        // leap year
        if ((year % 4 == 0 && !(year % 100 ==
0)) || year % 400 == 0) {
            dayCount = 29;
        } else {
            dayCount = 28;
        }
        break;
    default:
        dayCount = -1;
}

console.log(dayCount);
```



