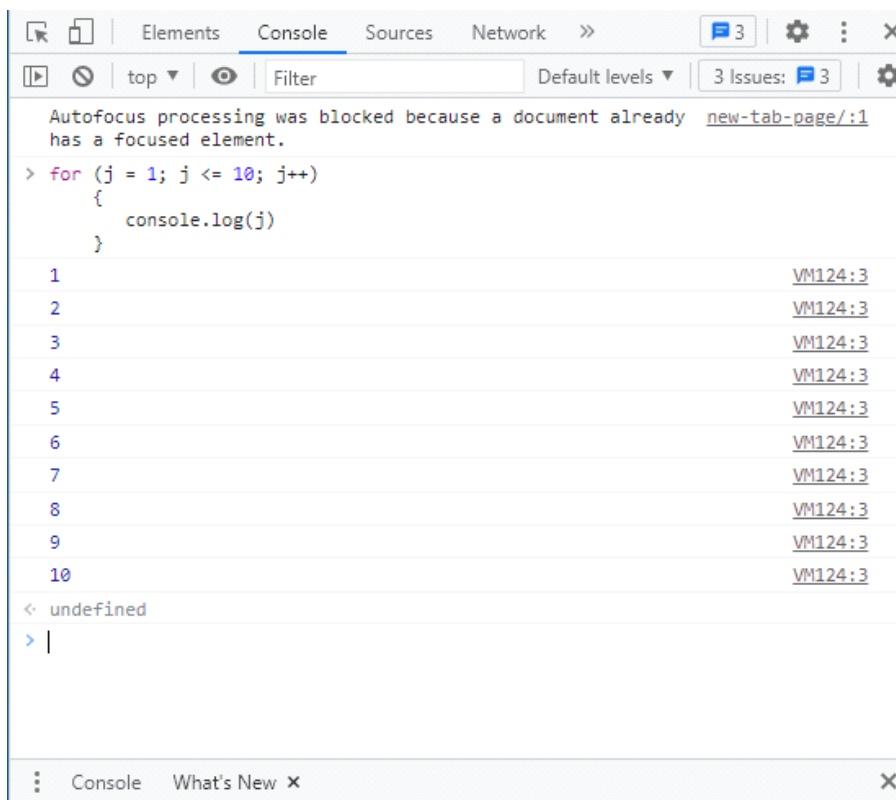


Assignment 3

1. program to print the first 10 numbers.

```
int j;  
  
    for (j = 1; j <= 10; j++)  
  
    {  
  
        console.log(j)  
  
    }
```



2. program to find the sum of first 10 numbers.

```
int j,sum;
```

```
for (j = 1,sum=0; j <= 10; j++)
```

```
{
```

```
    sum = sum + j;
```

```
    console.log(j)
```

```
}
```

```
console.log(sum)
```



The screenshot shows a web browser's developer console with the 'Console' tab selected. The code entered is a JavaScript program to calculate the sum of the first 10 numbers. The output shows the numbers 1 through 10 being logged, followed by the final sum of 55.

```
> for (j = 1,sum=0; j <= 10; j++)  
  {  
    sum = sum + j;  
    console.log(j)  
  }  
  console.log(sum)
```

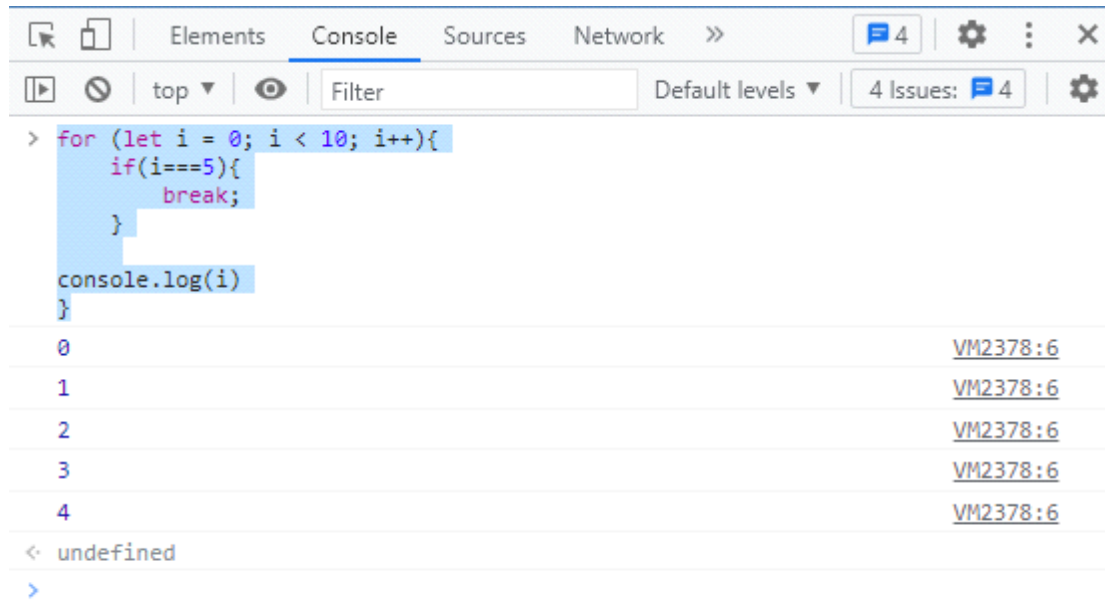
1	VM968:4
2	VM968:4
3	VM968:4
4	VM968:4
5	VM968:4
6	VM968:4
7	VM968:4
8	VM968:4
9	VM968:4
10	VM968:4
55	VM968:6

< undefined

```
> |
```

3. Loop stop when i is five.

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



4. Program to print the week days using switch statement.

```
int week;

printf("Enter week number 1-7 ");
scanf("%d", &week);

switch(week)
{
    case 1:
        printf("Monday");
        break;

    case 2:
        printf("Tuesday");
        break;

    case 3:
        printf("Wednesday");
        break;

    case 4:
        printf("Thursday");
        break;

    case 5:
        printf("Friday");
        break;
```

```
case 6:
    printf("Saturday");
    break;
case 7:
    printf("Sunday");
    break;
default:
    printf("Please enter a valid input");
}
```

5. Program to print the total number of days in a month using switch statement.

```
int month;
printf("Enter month number1-12 ");
scanf("%d", &month);
switch(month)
{
    case 1:
        printf("31 days");
        break;
    case 2:
        printf("28/29 days");
        break;
    case 3:
```

```
printf("31 days");
```

```
break;
```

case 4:

```
printf("30 days");
```

```
break;
```

case 5:

```
printf("31 days");
```

```
break;
```

case 6:

```
printf("30 days");
```

```
break;
```

case 7:

```
printf("31 days");
```

```
break;
```

case 8:

```
printf("31 days");
```

```
break;
```

case 9:

```
printf("30 days");
```

```
break;
```

case 10:

```
printf("31 days");
```

```
        break;
case 11:
    printf("30 days");
    break;
case 12:
    printf("31 days");
    break;
default:
    printf("Please enter a valid input");
}
```