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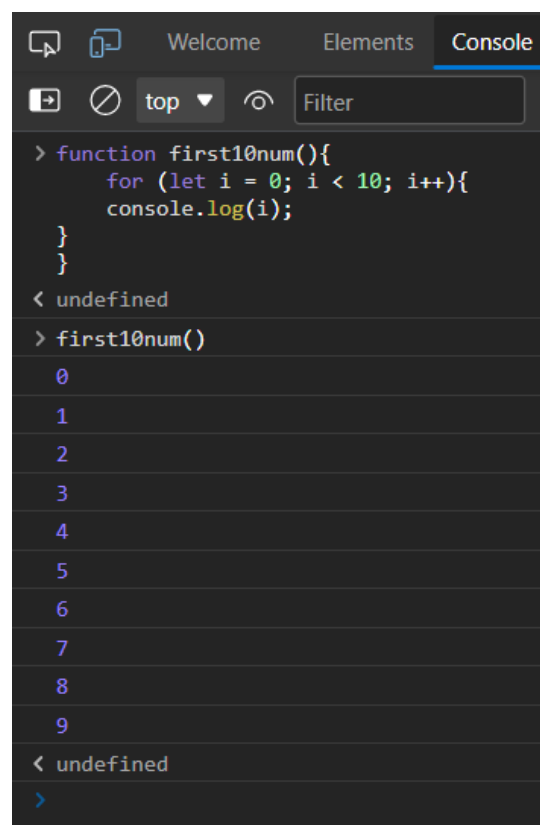
Q1. Program to write the first 10 numbers.

Ans-> public class firsttennumber {

  public static void main(String[] args) {

    for(int i = 1;i<=10;i++){

      System.out.println(i);

    }

  }

}

Output->

1,2,3,4.5,6,7,8,9,10

IN JAVASCRIPT
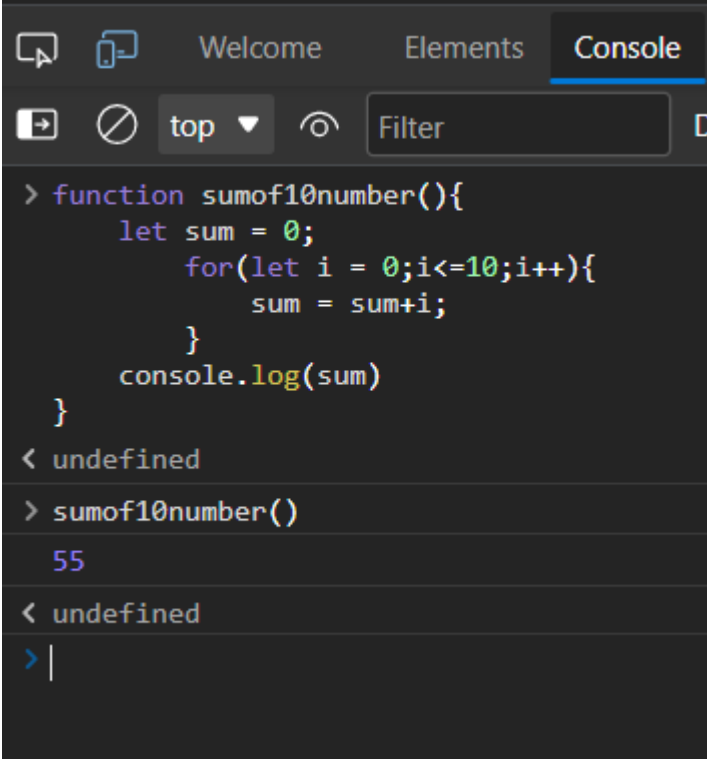
Q2. Program to calculate the sum of first 10numbers .

Ans -> public class sumof10number {

   public static void main(String[] args) {

     int sum = 0;

     for(int i = 0;i<=10;i++){

       sum = sum+i;

     }

     System.out.println(sum);

   }

}

Output-> 55

IN JAVASCRIPT

Q3. Make the loop stop when "i" is 5.
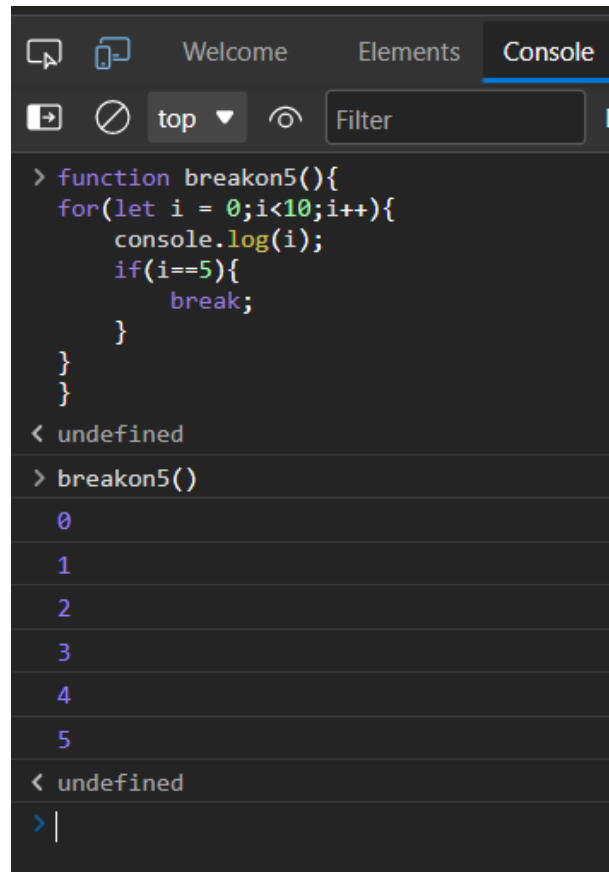
Ans->
```java
public class stoploopon5 {
    public static void main(String[] args) {
        for(int i = 0;i<10;i++){
        System.out.println(i);
        if(i==5){
            break;
        }
        }
    }
}
```

Output ->
0
1
2
3
4
5

Q3 . Make the loop stop when "i" is 5.

IN JAVASCRIPT

Q4 . Write a program to print day of week name using switch case .

Ans-> import java.util.Scanner;

public class weekname {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter a number");

        int n = sc.nextInt();

        sc.close();

if(n<=0)   {

```java
        System.out.println("Wrong choice");
    }
    else{
        switch (n) {
            case 1:
                System.out.println("Monday");
                break;
            case 2:
                System.out.println("Tuesday");
                break;
            case 3:
                System.out.println("Wednesday");
                break;
            case 4:
                System.out.println("Thursday");
                break;
            case 5:
                System.out.println("Friday");
                break;
            case 6:
                System.out.println("Saturday");
                break;
            case 7:
                System.out.println("Sunday");
                break;
            default:
                break;
        }
    }
}
}
```
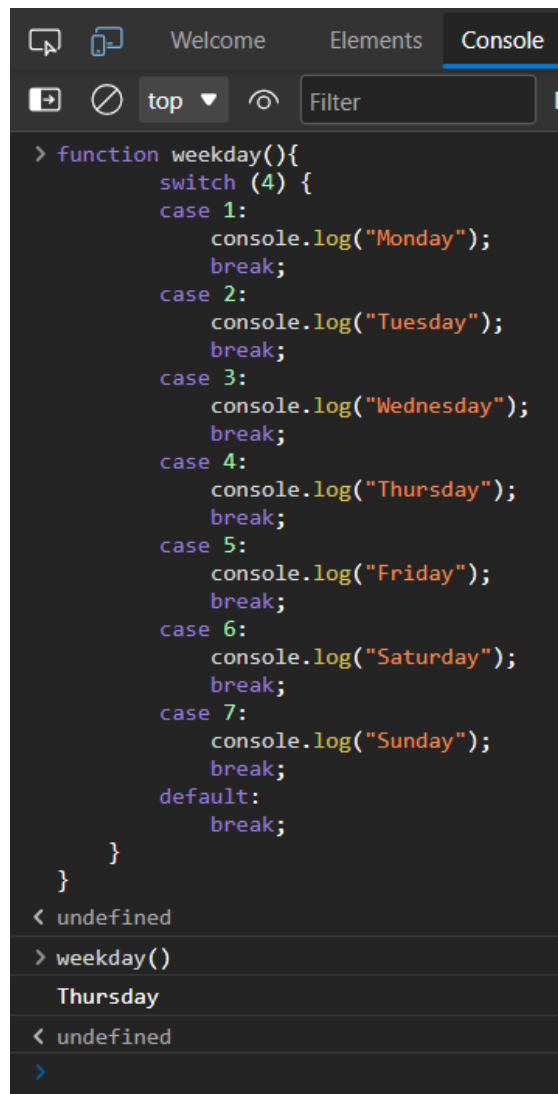
Output-> Enter a number :

4

Thursday

IN JAVASCRIPT


```javascript
> function weekday(){
      switch (4) {
      case 1:
          console.log("Monday");
          break;
      case 2:
          console.log("Tuesday");
          break;
      case 3:
          console.log("Wednesday");
          break;
      case 4:
          console.log("Thursday");
          break;
      case 5:
          console.log("Friday");
          break;
      case 6:
          console.log("Saturday");
          break;
      case 7:
          console.log("Sunday");
          break;
      default:
          break;
      }
  }
< undefined
> weekday()
  Thursday
< undefined
>
```

Q5. Write a program to print total number of days in a month using switch case .

Ans->import java.util.Scanner;

```java
public class numberofdaysinmonth {
    public static void main(String[] args) {
        Scanner sc= new Scanner(System.in);
        System.out.println("1:January\n 2:February\n3:March\n4:April\n5:May\n6:June\n7:July\n8:August\n9:September\n10:October\n11: november\n12:December\n");
        System.out.println("Choose any option");
        int n = sc.nextInt();
        switch (n) {
            case 1:
                System.out.println("31Days");
                break;
            case 2:
                System.out.println("28 Days in common year and 29days in leap yaer");
                break;
            case 3:
                System.out.println("31 Days");
                break;
            case 4:
                System.out.println("30 Days");
                break;
            case 5:
                System.out.println("31 Days");
                break;
            case 6:
                System.out.println("30 Days");
                break;
            case 7:
                System.out.println("31 Days");
                break;
            case 8:
                System.out.println("31 Days");
```

```java
            break;
        case 9:
            System.out.println("30 Days");
            break;
        case 10:
            System.out.println("31 Days");
            break;
        case 11:
            System.out.println("30 Days");
            break;
        case 12:
            System.out.println("31 Days");
            break;

        default:
            break;
        }
    }
}
```

Output->1:January

 2:February

3:March

4:April

5:May

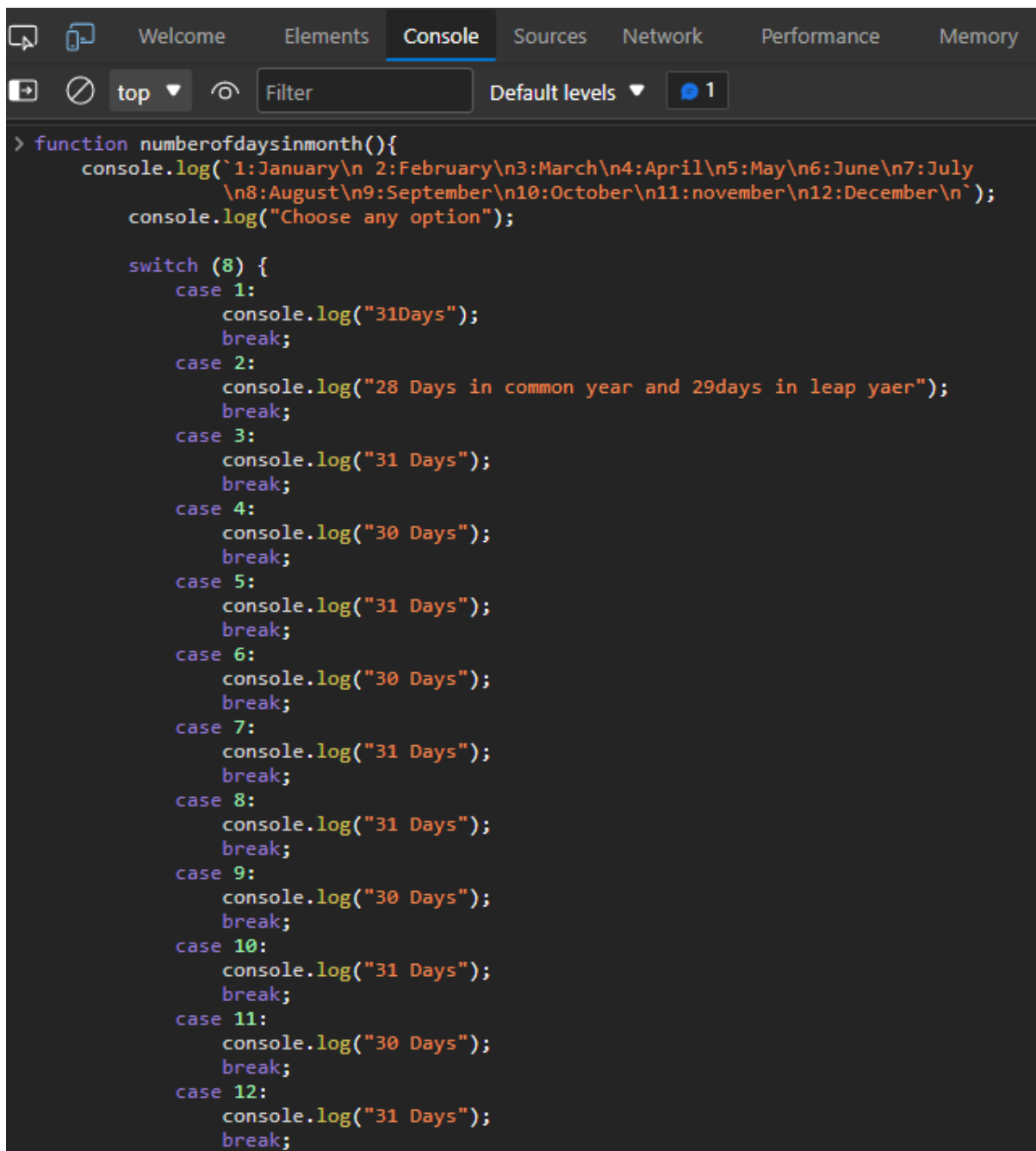6:June

7:July

8:August

9:September

10:October

11:november

12:December

Choose any option

8

31 Days

IN JAVASCRIPT

```javascript
function numberofdaysinmonth(){
    console.log(`1:January\n 2:February\n3:March\n4:April\n5:May\n6:June\n7:July
                \n8:August\n9:September\n10:October\n11:november\n12:December\n`);
        console.log("Choose any option");

        switch (8) {
            case 1:
                console.log("31Days");
                break;
            case 2:
                console.log("28 Days in common year and 29days in leap yaer");
                break;
            case 3:
                console.log("31 Days");
                break;
            case 4:
                console.log("30 Days");
                break;
            case 5:
                console.log("31 Days");
                break;
            case 6:
                console.log("30 Days");
                break;
            case 7:
                console.log("31 Days");
                break;
            case 8:
                console.log("31 Days");
                break;
            case 9:
                console.log("30 Days");
                break;
            case 10:
                console.log("31 Days");
                break;
            case 11:
                console.log("30 Days");
                break;
            case 12:
                console.log("31 Days");
                break;
```

```
                break;
            case 11:
                console.log("30 Days");
                break;
            case 12:
                console.log("31 Days");
                break;

            default:
                break;
        }

    }
```
< undefined
> numberofdaysinmonth()

```
1:January
  2:February
3:March
4:April
5:May
6:June
7:July

8:August
9:September
10:October
11:november
12:December
```
Choose any option

31 Days

< undefined