

1) Program to write the first 10 nos.

ans -

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

2) Program to calculate the sum of first 10 nos

-->

```
public class Main
```

```
{
```

```
int i, sum = 0;
```

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

```
    sum = sum + i;
```

```
    System.out.print(i);
```

```
}
```

```
System.out.print("the sum is "+sum);
```

```
}
```

3) make the loop stop when i is 5

--> public class Main {

```
    public static void main(String[] args) {
```

```

        for(int i =1;i<=5;i++){
            System.out.println("Hello");
        }

    }
}

```

4)write a program to print days of week name using switch case

-->

```

public class SwitchCaseExample{
    public static void main(String args[]){
        int day;
        Scanner SC=new Scanner(System.in);

        System.out.print("Enter a weekday number (0 to 6): ");
        day=SC.nextInt();

        if(day<0 || day>6){
            System.out.println("Invalid weekday number.");
            System.exit(0);
        }

        //print weekday name according to give value
        switch(day){
            case 0:
                System.out.println("Sunday");
                break;

```

```
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;
default:
    System.out.println("Invalid");
    break;
}

}

}
```

5) Write a program to print total no. of days in a month using switch case

-->

```
public class DaysinMonth1 {  
    private static Scanner sc;  
    public static void main(String[] args)  
    {  
        int month;  
        sc = new Scanner(System.in);  
  
        System.out.print(" Please Enter Month Number from 1 to 12 (1 = Jan, and 12 = Dec) : ");  
        month = sc.nextInt();  
  
        if (month == 1 || month == 3 || month == 5 || month == 7 || month == 8 || month ==  
10 || month == 12 )  
        {  
            System.out.println("\n 31 Days in this Month");  
        }  
        else if ( month == 4 || month == 6 || month == 9 || month == 11 )  
        {  
            System.out.println("\n 30 Days in this Month");  
        }  
        else if ( month == 2 )  
        {  
            System.out.println("\n Either 28 or 29 Days in this Month");  
        }  
        else  
            System.out.println("\n Please enter Valid Number between 1 to 12");  
    }  
}
```

