

## Aditya Raj Singh

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

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

```
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

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

```
Ans-> public class stoplooon5 {  
    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
```

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) {
```

```
        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

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

Ans->import java.util.Scanner;

```
public class numberofdaysinmonth {
```

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

```
        Scanner sc= new Scanner(System.in);
```

```
        System.out.println("1:January\n2: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");
    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