

Write a program in which ask the user to enter a number from 0 to 5 and print it's spelling,if the entered number is greater than 5 print entered number is greater than 5.

```
nivrutti17@DESKTOP-VG4KRH9: /mnt/e/java/Assignments/Assignment6
import java.util.*;
class Program2
{
    public static void main(String[] args)
    {
        System.out.println("Enter number: ");
        Scanner sc = new Scanner(System.in);

        int num1 = sc.nextInt();
        switch(num1)
        {
            case 1:
                if(num1 == 1)
                {
                    System.out.println("One");
                }
                break;
            case 2:
                if(num1 == 2)
                {
                    System.out.println("Two");
                }
                break;
            case 3:
                if(num1 == 3)
                {
                    System.out.println("Three");
                }
                break;
            case 4:
                if(num1 == 4)
                {
                    System.out.println("Four");
                }
                break;
            case 5:
                if(num1 == 5)
                {
                    System.out.println("Five");
                }
                break;
            default:
                System.out.println("Entered number is greater than 5");
                break;
        }
    }
}
```

47,1

OUTPUT:

```
nivrutti17@DESKTOP-VG4KRH9: /mnt/e/java/Assignments/Assignment6$ vim program2.java
nivrutti17@DESKTOP-VG4KRH9: /mnt/e/java/Assignments/Assignment6$ javac program2.java
nivrutti17@DESKTOP-VG4KRH9: /mnt/e/java/Assignments/Assignment6$ java Program2
Enter number:
4
Four
```

Write a program in which user should enter two numbers if both the numbers are positive multiply them and provide to switch case to verify number is even or odd, if user enters any negative number program should terminate saying "Sorry negative numbers not allowed".

```
nivrutti17@DESKTOP-VG4KRH9: /mnt/e/java/Assignments/Assignment6
import java.util.*;
class Program3
{
    public static void main(String[] args)
    {
        System.out.println("Enter two numbers ");
        Scanner sc = new Scanner(System.in);
        int num1 = sc.nextInt();
        int num2 = sc.nextInt();
        int flag;
        if(num1 > 0 && num2 > 0)
        {
            flag = 0;
        }
        else
        {
            flag = 1;
        }

        switch(flag)
        {
            case 0:
            {
                if((num1*num2)%2==0)
                    System.out.println("multiplication of numbers is even");
                else
                    System.out.println("Multiplication of numbers is odd");
                break;
            }
            case 1:
            {
                System.out.println("Sorry negative numbers not allowed");
                break;
            }
        }
    }
}
```

OUTPUT:

```
nivrutti17@DESKTOP-VG4KRH9:/mnt/e/java/Assignments/Assignment6$ vim program3.java
nivrutti17@DESKTOP-VG4KRH9:/mnt/e/java/Assignments/Assignment6$ javac program3.java
nivrutti17@DESKTOP-VG4KRH9:/mnt/e/java/Assignments/Assignment6$ java Program3
Enter two numbers
12
13
multiplication of numbers is even
nivrutti17@DESKTOP-VG4KRH9:/mnt/e/java/Assignments/Assignment6$ java Program3
Enter two numbers
-4
3
Sorry negative numbers not allowed
nivrutti17@DESKTOP-VG4KRH9:/mnt/e/java/Assignments/Assignment6$ java Program3
Enter two numbers
3
3
Multiplication of numbers is odd
nivrutti17@DESKTOP-VG4KRH9:/mnt/e/java/Assignments/Assignment6$
```

Take choice from user Show this to user.

```
nivrutti17@DESKTOP-VG4KRH9: /mnt/e/java/Assignments/Assignment6
import java.util.*;
class Program4
{
    public static void main(String[] args)
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("What's your intrest? \n1.Movies \n2.Series");

        System.out.println("Enter your choice: ");
        int ch1 = sc.nextInt();
        switch(ch1)
        {
            case 1:
            {
                System.out.println("Movies you wish to watch today: \n1.Founder \n2
.Snowden \n3.Jobs \n4.Her \n5.Social Network\n6.Wall-E\n7.AI");
                System.out.println("Enter movie no: ");
                int movie = sc.nextInt();
                System.out.println("You Entered choice is: ");
                switch(movie)
                {
                    case 1:
                        System.out.println("1.Founder");
                    break;
                    case 2:
                        System.out.println("2.Snowden");
                    break;
                    case 3:
                        System.out.println("3.Jobs");
                    break;
                    case 4:
                        System.out.println("4.Her");
                    break;
                    case 5:
                        System.out.println("5.Social Network");
                    break;
                    case 6:
                        System.out.println("6.Wall-E");
                }
            }
        }
    }
}
```

```
nivrutti17@DESKTOP-VG4KRH9: /mnt/e/java/Assignments/Assignment6
break;
case 7:
    System.out.println("7.AI");
break;
default:
    System.out.println("Invalid Entry");
break;
}
}
break;
case 2:
{
    System.out.println("Best series to watch: \n1.Silicon vally\n2.Devs
\n3.The IT crowd\n4.Mr Robot");
    System.out.println("Enter your choice for series:");
    int series = sc.nextInt();
    System.out.println("Your Entered choice is:");
    switch(series)
    {
        case 1:
            System.out.println("1.Silicon vally");
            break;
        case 2:
            System.out.println("2.Devs");
            break;
        case 3:
            System.out.println("the IT crowd");
            break;
        case 4:
            System.out.println("Mr Robot");
            break;
        default:
            System.out.println("Invalid Entry");
            break;
    }
}
```

OUTPUT:

```
nivrutti17@DESKTOP-VG4KRH9:/mnt/e/java/Assignments/Assignment6$ vim program4.java
nivrutti17@DESKTOP-VG4KRH9:/mnt/e/java/Assignments/Assignment6$ javac program4.java
nivrutti17@DESKTOP-VG4KRH9:/mnt/e/java/Assignments/Assignment6$ java Program4
What's your intrest?
1.Movies
2.Series
Enter your choice:
2
Best series to watch:
1.Silicon vally
2.Devs
3.The IT crowd
4.Mr Robot
Enter your choice for series:
3
Your Entered choice is:
the IT crowd
nivrutti17@DESKTOP-VG4KRH9:/mnt/e/java/Assignments/Assignment6$
```

Write a real time example which shows a index like above code.

```
nivrutti17@DESKTOP-VG4KRH9: /mnt/e/java/Assignments/Assignment6
import java.io.*;
class Program5
{
    public static void main(String[] args) throws IOException
    {
        BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
        System.out.println("let's see Bikes Price \n1.Honda \n2.Suzuki\n3.KTM");
        System.out.println("Enter choice of bike");
        int ch1 =Integer.parseInt(br.readLine());
        switch(ch1)
        {
            case 1:
                System.out.println("Bike_models for your selected choice are: \nA.A
ctiva 6G \nB.SP 125 \nC.Shine \nD.Unicorn \nE.Hornet 2.0 \nF.XBlade \nG.Livo");
                System.out.println("Enter your choice");
                char ch2 = (char)br.read();
                System.out.print("Price of ");
                switch(ch2)
                {
                    case 'A':
                    {
                        System.out.println("Activa 6G : 72,400-75,400");
                    }
                    break;
                    case 'B':
                    {
                        System.out.println("SP 125 : 82,400-86-400");
                    }
                    break;
                    case 'C':
                    {
                        System.out.println("Shine : 77,300-81,300");
                    }
                    break;
                    case 'D':
                    {
                        System.out.println("Unicorn : 1.04 lakh*");
                    }
                }
            }
        }
    }
}
```

```
        case 'D':
        {
            System.out.println("Unicorn : 1.04 lakh*");
        }
        break;
        case 'E':
        {
            System.out.println("Hornet 2.0 : 1.35 lakh*");
        }
        break;
        case 'F':
        {
            System.out.println("XBlade : 1.16-1.20 lakh*");
        }
        break;
        case 'G':
        {
            System.out.println("Livo : 75,000-79,000");
        }
        break;
        default:
        System.out.println("Enter valid choice");
        break;
    }
    break;
    case 2:
        System.out.println("Bike models for your selected choice are: \nA.G
ixxer SF\nB.Gixxer \nC.V-Strom SX \nD.Katana \nE.V-Strom 650XT \nF.Hayabusa");
        System.out.println("Enter your choice");
        char ch3 = (char)br.read();
        System.out.print("Price of ");
        switch(ch3)
        {
            case 'A':
            {
                System.out.println("Gixxer SF : 1.37 Lakh*");
            }
            break;
```

```
        break;
        case 'B':
        {
            System.out.println("Gixxer : 1.35 Lakh*");
        }
        break;
        case 'C':
        {
            System.out.println("V-Strom SX : 2.12 Lakh*");
        }
        break;
        case 'D':
        {
            System.out.println("Katana : 13.61 Lakh*");
        }
        break;
        case 'E':
        {
            System.out.println("V-Strom 650XT : 8.85 Lakh*");
        }
        break;
        case 'F':
        {
            System.out.println("Hayabusa : 16.41 Lakh*");
        }
        break;
        default:
            System.out.println("Enter valid choice");
            break;
    }
    break;
    case 3:
        System.out.println("Bike models for your selected choice are: \nA.K
TM 200 Duke\nB.KTM 390 Duke \nC.KTM 125 Duke \nD.2022 KTM RC 390 \nE.KTM 250 Duke \nF.HKTM RC 125")
;

        System.out.println("Enter your choice");
        char ch4 = (char)br.read();
        System.out.print("Price of ");
```

```
System.out.print("Price of ");
switch(ch4)
{
    case 'A':
    {
        System.out.println("KTM 200 Duke : 1.90 Lakh*");
    }
    break;
    case 'B':
    {
        System.out.println("KTM 390 Duke : 2.94 Lakh*");
    }
    break;
    case 'C':
    {
        System.out.println("KTM 125 Duke : 1.76 Lakh*");
    }
    break;
    case 'D':
    {
        System.out.println("2022 KTM RC 390 : 3.14 Lakh*");
    }
    break;
    case 'E':
    {
        System.out.println("KTM 250 Duke : 2.35 Lakh*");
    }
    break;
    case 'F':
    {
        System.out.println("KTM RC 125 : 1.87 Lakh*");
    }
    break;
    default:
    System.out.println("Enter valid choice");
    break;
}
break;
```


OUTPUT:

```
nivrutti17@DESKTOP-VG4KRH9: /mnt/e/java/Assignments/Assignment6
nivrutti17@DESKTOP-VG4KRH9:/mnt/e/java/Assignments/Assignment6$ javac program5.java
nivrutti17@DESKTOP-VG4KRH9:/mnt/e/java/Assignments/Assignment6$ java Program5
let's see Bikes Price
1.Honda
2.Suzuki
3.KTM
Enter choice of bike
1
Bike models for your selected choice are:
A.Activa 6G
B.SP 125
C.Shine
D.Unicorn
E.Hornet 2.0
F.XBlade
G.Livo
Enter your choice
D
Price of Unicorn : 1.04 lakh*
nivrutti17@DESKTOP-VG4KRH9:/mnt/e/java/Assignments/Assignment6$ java Program5
let's see Bikes Price
1.Honda
2.Suzuki
3.KTM
Enter choice of bike
3
Bike models for your selected choice are:
A.KTM 200 Duke
B.KTM 390 Duke
C.KTM 125 Duke
D.2022 KTM RC 390
E.KTM 250 Duke
F.HKTM RC 125
Enter your choice
B
Price of KTM 390 Duke : 2.94 Lakh*
```