

Check the given number Armstrong or not Program

```
package test;
import java.util.*;

public class Armstrongnum {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        Scanner sc = new Scanner(System.in);

        int n, sum=0, r, n1,n2,count=0, multiply;

        System.out.println("Enter your number to Check for Armstrong");

        n = sc.nextInt();

        n2=n1=n;

        while(n1>0)
        {
            n1=n1/10;
            count++;
        }

        while(n>0)
        {
            r=n%10;

            multiply=1;
            for(int j=1;j<=count;j++)
                multiply = multiply * r;

            sum=sum+multiply;

            n=n/10;
        }

        System.out.println("sum="+sum);
        if(sum==n2)
            System.out.println("Given number is armstrong");
        else
            System.out.println("Given number is NOT armstrong");
    }
}
```

o/p:

Enter your number to Check for Armstrong

56

sum=61

Given number is NOT armstrong