

Program to check whether a number is Armstrong or not

```
import java.io.*;

class arm
{
    public static void main(String ar[])
    {
        int n=0,sum=0;

        DataInputStream obj= new DataInputStream(System.in);

        System.out.println("Enter any integer:");

        try
        {
            n=Integer.parseInt(obj.readLine());
        }

        catch(IOException e)

        {}

        int q,r;

        q=n;

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

            sum=sum+r*r*r;

            q=q/10;

        }

        if(n==sum)

            System.out.println("No.is armstrong");

        else
```

```
        System.out.println("No.is not armstrong");
    }
}
```

Output:

```
C:\Documents and Settings\Administrator\Desktop\java\11-07>javac arm.java
Note: arm.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.

C:\Documents and Settings\Administrator\Desktop\java\11-07>java arm
Enter any integer:
34
No.is not armstrong

C:\Documents and Settings\Administrator\Desktop\java\11-07>java arm
Enter any integer:
153
No.is armstrong
```