**Program 2:Armstrong Number**

**package** com.msc.basic;

**import** java.io.BufferedReader;

**import** java.io.IOException;

**import** java.io.InputStreamReader;

**public** **class** Armstrong {

**public** **static** **void** main(String[] args) **throws** IOException {

// **TODO** Auto-generated method stub

**int** c=0,a,temp,n;

BufferedReader num=**new** BufferedReader(**new** InputStreamReader(System.***in***));

System.***out***.println("Enter a number");

n=Integer.*parseInt*(num.readLine());

temp=n;

**while**(n>0) {

a=n%10;

n=n/10;

c=c+(a\*a\*a);

}

**if**(temp==c) {

System.***out***.println("Armstrong number");

}

**else** {

System.***out***.println("Not a Armstrong number");

}

}

}

OUTPUT:



