

```
37.import java.util.*;
public class armstrong {
public static void main(String[] args) {
try
{
Scanner sc = new Scanner(System.in);
System.out.print("Enter a number: ");
int n = sc.nextInt();
int temp = n;
int r,s,sum=0;
while(n>0){
r = n%10;
n = n/10;
sum = sum + r*r*r;
}
if(temp==sum)
System.out.println("it is an armstrong number");
else
System.out.println("it is not an armstrong number");
}
catch(Exception e)
{
System.out.println("invalid");
}
}
}
```

Output

Clear

```
java -cp /tmp/XoWgV4Eck0 armstrong
Enter a number: 123
it is not an armstrong number
|
```