

1

```
class armstrongOrNot {  
    public static boolean armstrongCheck(int num) {  
  
        int n=num, x=0, sum=0;  
        while (num>0)  
        {  
            x=num%10;  
            num=num/10;  
            sum+=x*x*x;  
        }  
        return (sum==n);  
    }  
}
```

```
public class assignment1 extends armstrongOrNot {  
    public static void main(String[] args) {  
        int y;  
        y=371;  
        System.out.println(armstrongCheck(y));  
    }  
}
```