

2

```
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 assignment1q2 extends armstrongOrNot{
    public static void main(String[] args) {

        for(int i=100;i<999;i++)
        {
            if(armstrongCheck(i))
                System.out.println(i);
        }
    }
}
```