Take n as an integer input.

Then write a function that takes in this n as an integer parameter and returns if n is an Armstrong number or not.

In the end, print "true" or "false" accordingly.

Note: An armstrong number is a number which is equal to the sum of the cube of its digits.

Output Format

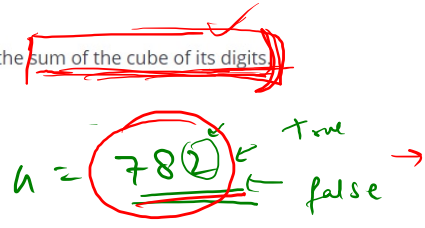
Print "true" or "false" accordingly.

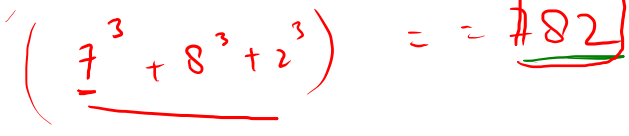
Sample Input 0

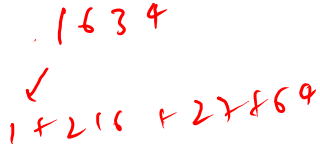
```
782
```

Sample Output 0

```
false
```







Print Armstrong in a range

Problem | Submissions | Leaderboard | Discussions

Take x and y as integer inputs.

Print all the Armstrong numbers in separate line which lie in the range x to y (both x and y inclusive)

Use the function isArmstrong() which checks if a number is an Armstrong number or not and returns true or false accordingly.

Sample Input 0

```
1
200
```

Sample Output 0

```
1
153
```

```
public class Solution {
    public static boolean armStrong(int n){
        int ans=0;
        while(n>0){
            int ld =n%10;
            n/=10;
            ans=ans+(ld*ld*ld);
        }
        if(n==ans){
            return true;
        }
        else{
            return false;
        }

    }
```

Print all factors of a number

Problem | Submissions | Leaderboard | Discussions

Take a whole number n as an integer input and print all the factors of it such that each factor should be printed in a separate line.

1, 2, 3, 4, 6, 12

Sample Input 0

```
12
```

Sample Output 0

```
1
2
3
4
6
12
```