import java.util.Scanner;

public class ArmstrongBetweenTwoNumbers {

public static void main(String args[]){

int num1, num2;

Scanner sc = new Scanner(System.in);

System.out.println("Enter the first number ::");

num1 = sc.nextInt();

System.out.println("Enter the second number ::");

num2 = sc.nextInt();

for (int i = num1; i<num2; i++){

int check, rem, sum = 0;

check = i;

while(check != 0) {

rem = check % 10;

sum = sum + (rem \* rem \* rem);

check = check / 10;

}

if(sum == i){

System.out.println(""+i+" is an Armstrong number.");

}

}

}

}