01

Problem Statement:

Mekki is the youngest programmer in the world, and he has just decided to write his first program.
This program is very simple, the program should be able to read 2 numbers and print their sum.
Can you help Mekki by writing a correct program so that he can use it to check if his program is correct or not?

Input Format:

The input Consists of two integers X and Y.

Output Format:

Print a single line contains a single integer which is the sum of X and Y.

Sample Input:

22 12

23 12

1 1

2 3

100 100

Sample Output:

34

35

2

5

200

02

Problem Statement:

Ahmed is a genius child and his addicted to math and numbers that's why he always prefers to deal with even numbers.

Suddenly Ahmed got stuck and he needed your help to decide whether the given number is odd or even?

Input Format:

The input Consists of one integer number given by Ahmed.

Output Format:

Print a single line contains

the word "Even" if the number is even of the word "Odd" if the number is odd.

Sample Input:

15

34

3193

192

Sample Output:

Odd

Even

Odd

Even

03

Problem Statement:

Ibrahim is a math teacher in a primary school and he wants to organize an excursion for his students so he decided to send them into different cities based on their score accordingly, students with score more than 80 travels to ‘New York', students with a score between 50 and 80 will be going to Paris, anyone gets score less than 50 will not travel.

Ibrahim needs your help to classify his students.

Input Format:

The input consists of one line contains the student score X, ($1 \leq X \leq 100$).

Output Format:

Print a single line contains

Yes, if the student can travel and the city name that otherwise print No, if the student score is not sufficient.

Sample Input:

49

89

64

Sample Output:

No

Yes New York

Yes Paris

04

Problem Statement:

Any college student is worried about his GPA, well since it's the last days in the semester and Your brother (if you have one) needed your help to know if he's going to pass or fail (Such a hash decision) he told you that he took five modules and he gave you the CH (credit hour) for each module.
Your brother is too scared to type in the calculator write a program that helps you check your brother's result and check if he's going to pass or fail.

Input Format:

The five input lines contain two integers X and Y such that X represents his score ($0 \leq X \leq 20$) and Y represents the CH of this module ($0.5 \leq Y \leq 3$).

Output Format:

Print a single line contains your brother's GPA followed by "PASS" if he's going to do so else "Fail" (without telling him how much his GPA was).

Sample Input:

12 0.5

17 3

16 2

8.5 1

17.5 1

Sample Output:

PASS 15.33

05

Problem Statement:

The number S is called the mean of two numbers R1 and R2 if S is equal to (R1+R2)/2. Mehdi's birthday present for Hassan was two integers R1 and R2. Slavko promptly calculated their mean which also happened to be an integer but then lost R2! Help Mehdi restore R2.

Input Format:

The input Consists of two integers R1 and S such that (0≤R≤S≤1000).

Output Format:

Print a single line contains the value of R2.

Sample Input:

11 15

4 3

Sample Output:

19

2

06

Problem Statement:

Hiba is an architecture student before taking any measurements for her drawings she needs to make sure that the number that she's going to choose is a lucky number.
Hiba defines Lucky numbers as the numbers ending by the Digit 4 or 7 for example the numbers: 17,77,134,234 are lucky numbers but 71,86 ,4741 are not.

That's' why she asked you to figure out if the number is Lucky or not?

Input Format:

The input Consists of a number N such that (1≤N≤1e+18).

Output Format:

Print a single line contains "YES" if the number is lucky "NO" otherwise.

Sample Inputs:

17

234

4741

Sample Outputs:

YES

YES

NO