

## 1. Angles Of Valid Triangle?

### Problem Description

You are given 3 integer angles(in degrees) **A**, **B** and **C** of a triangle. You have to tell whether the triangle is valid or not.

A triangle is valid if sum of its angles equals to 180.

### Problem Constraints

$1 \leq A, B, C \leq 180$

### Input Format

First line of the input contains an integer **A**.

Second line of the input contains an integer **B**.

Third line of the input contains an integer **C**.

### Output Format

Print 1 if the triangle having given sides is valid, else print 0.

### Example Input

Input 1:

60  
60  
60

Input 2:

30  
40  
50

### Example Output

Output 1:

1

Output 2:

0

## 2. Profit Or Loss

### Problem Description

You are given the Cost Price **C** and Selling Price **S** of a Product. You have to tell whether there is a Profit or Loss. Also, calculate total profit or loss. It is guaranteed that Cost Price and Selling Price are not equal.

### Problem Constraints

$1 \leq C, S \leq 10^9, C \neq S$

### Input Format

First line of the input contains a single integer **C**.

Second line of the input contains a single integer **S**.

### Output Format

Print two integers in separate lines.

First integer denotes whether there is a profit or loss. If there is a profit, print 1, else print -1.

Second integer is a non-negative integer denoting the absolute value of total profit or loss.

### Example Input

Input 1:

2  
4

Input 2:

4  
1

### Example Output

Output 1:

1  
2

Output 2:

-1  
3

### 3. Max of two

#### Problem Description

Write a program to input two numbers(**A & B**) from user and print the maximum element among A & B in each line.

#### Problem Constraints

$1 \leq A \leq 1000000$

$1 \leq B \leq 1000000$

#### Input Format

First line is a single integer **A**.

Second line is a single integer **B**.

#### Output Format

One line containing the greater integer A or B.

#### Example Input

Input 1:

5  
6

Input 2:

1000  
10000

#### Example Output

Output 1:

6

Output 2:

10000

#### 4. Valid Statements

Which of the following **are** valid statements in python: Assume that the variable 'a' has already been declared:

```
a. if a>=2:
    print("TRUE")
b. if (a=>2):
    print("TRUE")
c. if (a%2!=0):
    print("TRUE")
d. if a//3=1:
    print("TRUE")
```

#### 5. Roller Coaster Ride

##### Problem Description

Write a program that takes the age of the user as input and tells them if they're old enough to ride a roller coaster. The minimum age to ride the roller coaster in this question is 13.

##### Input Format

There is only 1 single line in the input, which is the age of the user.

##### Output Format

Print the following if user can ride the roller coaster:

**You can ride the roller coaster!**

Print the following if user can't ride the roller coaster:

**You can't ride the roller coaster.**

##### Example Input

Input 1:-

9

Input 2:-

13

##### Example Output

Output 1:-

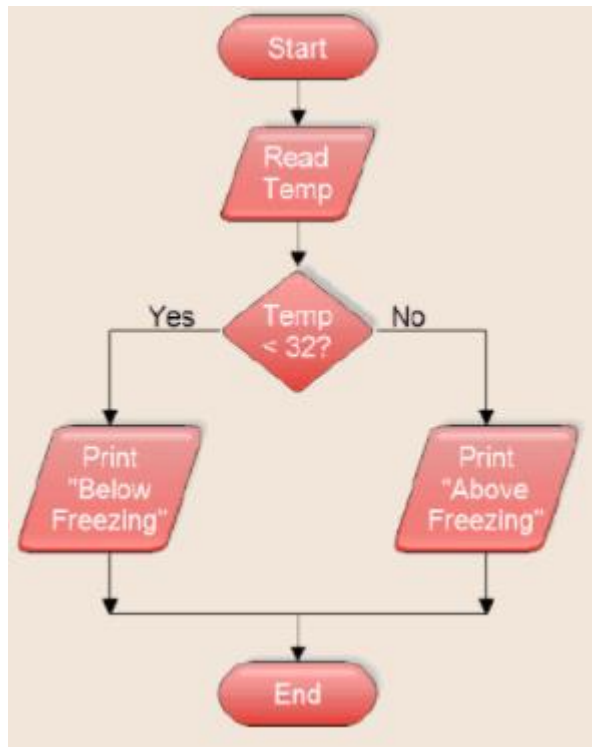
You can't ride the roller coaster.

Output 2:-

You can ride the roller coaster!

## 6. Temperature Flow Chart

The following flowchart is given. What would be the output if Temp=19?



- A) Above Freezing
- B) No Output
- C) Below Freezing
- D) Error