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 <= **A, B, C** <= 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 <= **C, S** <= 10^9**, C ≠ 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 <= A <= 1000000

1 <= B <= 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:-

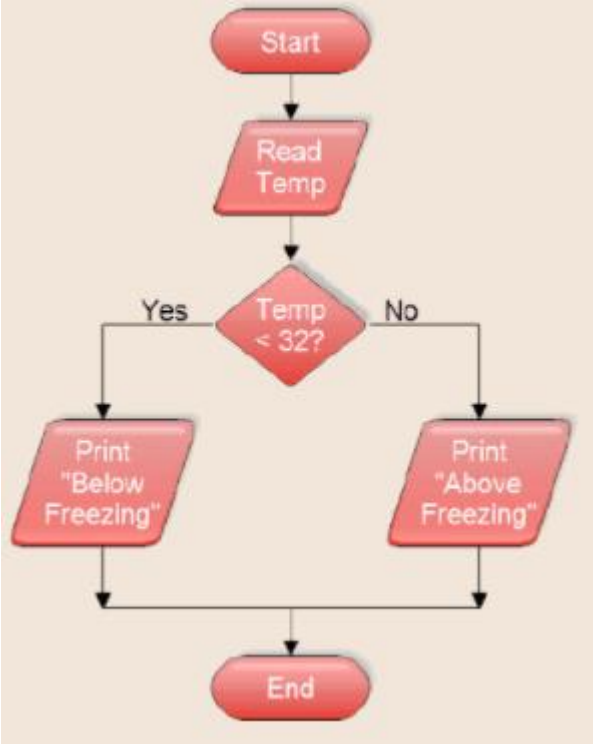
```
You can't ride the roller coaster.
```

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