Talent Hunt

What if

1. Talent Hunt

It's finally the time, *the BCA department* announced *the Talent Hunt*. As a programmer, your job is to check whether the participant is eligible for the event by a program when given there department and year.

Accept a participate if they are **BCA 1**st year; Otherwise, reject the request.

Example

dept = "BCA"

year = 1

The print value is **ACCEPTED**

Constraints

1 <= year <= 4

Sample Input 0

BSc

1

Sample Output 0

REJECTED

2. Voter Id

You are a officer that approves **Voter's ID.** Write a program to check a person's age is eligible for voting.

Example

age = 18

The print value is **ELIGIBLE**

Constraints

1 <= age <= 100

Sample Input 0

16

Sample Output 0

NOT ELIGIBLE

3. Highest Population

Given three cites population **[CHENNAI, NEW DELHI, MUMBAI]**. write a program to print one of the highest population city.

Example

Chennai = 200000

NewDelhi = 100000

Mumbai = 150000

The print value should be **CHENNAI**

Constraints

1 <= Chennai, NewDelhi, Mumbai <= 1000000

Sample Input 0

200000

300000

250000

Sample Output 0

NEW DELHI

4. Wages Calulation

You are the Accountant in a IT company, you calculate employee's wages in daily basis and in **Harsley Premium Method**.

Harsley Premium Method - for emplyee overtime work, pay half the wage.

Example

WorkHour = 8

EmployeeWorked = 10

RatePerHour = 100

The print value should be **900**

Constraints

4 <= WorkHour <= 10

1 <= EmployeeWorked <= 15

50 <= RatePerHour <= 1000

Sample Input 0

8

10

100

Sample Output 0

900

Expanation 0

The work time of the employee is **8 hours**. But, he worked **10 hours**. so, **2 hours overtime**.

For the first **8 hours** of work, the wage will be **8 x 100 = *800***.

For the over-time of **2 hours**, the wage will be **50% of (2 x 100) = *100***.

Therefore, in **total wage** is **800 + 100 = *900***.

Sample Input 1

6

7

50

Sample Output 1

300

Expanation 1

The work time of the employee is **7 hours**. But, he *only* worked **6 hours**. so, **no overtime hours**.

For the **6 hours** of work, the wage will be **6 x 50 = *300***.

5. Need Blood

Doctor in a hospital. You are searching for a specific blood group in your cabinet.

In top of that, you can only use tjhe blood if it's in good condition.

Write a program to check the above conditions.

Example

hasBlood = "YES"

goodCondition = "YES"

The print value is **YES**

Constraints

hasBlood, goodCondition = "YES" or "NO"

Sample Input 0

YES

NO

Sample Output 0

NOT IN GOOD CONDITION

Sample Input 1

NO

Sample Output 1

WE DONT HAVE THE BLOOD

6. Lakshmi Charities

After your submission of departmant and year checking program for Talent hunt, the department of BCA again needs your help.

In this time, with ***lakshmi charities***. Here are the conditions:

> Student's **Mark Percentage** should be equal to or more than **75%.**

> Student's **Age** should be equal to or more than **17** and less than **21**.

> Student Parent's **Income** should be equal to or less than **500000**.

Given the above information of a student. Check and Print whether he/she is **ELIGIBLE** or **NOT ELIGIBLE** for the scholarship. Additionally, if the student is NOT ELIGIBLE print all the critiria which don't reach the expetetion.

Example

MarkPercentage = 90

Age = 18

Income = 200000

The print value is **ELIGIBLE**

Constraints

1 <= MarkPercentage <= 100

17 <= Age <= 25

72000 <= Income <= 100000

Sample Input

70

20

600000

Sample Output

NOT ELIGIBLE

REASONS:

MARK PERCENTAGE

INCOME