

There are 101 citizens in Chefland. It is election time in Chefland and 3 parties,  $A$ ,  $B$ , and  $C$  are contesting the elections. Party  $A$  receives  $X_A$  votes, party  $B$  receives  $X_B$  votes, and party  $C$  receives  $X_C$  votes.

The constitution of Chefland requires a particular party to receive a clear majority to form the government. A party is said to have a clear majority if it receives **strictly** greater than 50 votes.

If any party has a clear majority, print the winning party ( $A$ ,  $B$  or  $C$ ). Otherwise, print `NOTA`.

Bob has  $X$  rupees and goes to a market. The cost of apples is Rs  $A$  per kg and the cost of oranges is Rs  $B$  per kg.  $\Rightarrow$  i/p.

Determine whether he can buy at least 1 kg each of apples and oranges.

### Sample Input 1

14  $\rightarrow$   $\times$

2 2

### Sample Output 1

Yes

$$x = 6 \quad y = 8$$

o/p: 16

Six friends go on a trip and are looking for accommodation. After looking for hours, they find a hotel which offers two types of rooms — double rooms and triple rooms. A double room costs Rs  $X$ , while a triple room costs Rs  $Y$ .

The friends can either get three double rooms or get two triple rooms. Find the minimum amount they will have to pay to accommodate all six of them.