Q1:

Chef wants to give a burger party to all his N friends i.e. he wants to buy **one** burger for each of his friends.

The cost of each burger is X rupees while Chef has a total of K rupees.

Determine whether he has enough money to buy a burger for each of his friends or not.
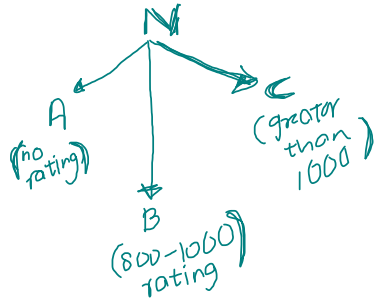
i/p.
i/p.
i/p.

Sample Input 1

$N \quad X \quad K$

```
4
5 10 70
5 10 40
10 40 400
14 14 150
```

Sample Output 1

```
YES
NO
YES
NO
```

Q2:

i/p.

In a contest where N **new** users visited the contest,

i/p.
- A users just saw the problems and didn't make any submissions and hence won't get any rating.
i/p.
- B users who made a submission but could not solve any problem correctly. Thus, after the contest, they will get a rating in the range $800 - 1000$.
- Everyone else could correctly solve at least 1 problem. Thus, they will get a rating **strictly greater** than 1000 after the contest.

You need to output the number of new users in the contest who, after the contest, will get a rating and also the number of new users who will get a rating **strictly greater** than 1000.

Sample Input 1

```
10 3 2
```

Sample Output 1

```
7 5
```

Sample Input 2

```
10 4 1
```

Sample Output 2

```
6 5
```

Sample Input 3

```
20 1 2
```

Sample Output 3

```
19 17
```

Sample Input 4

```
1000 300 700
```

Sample Output 4

```
700 0
```

N
├── A (no rating)
├── B (800-1000 rating)
└── (greater than 1000)

int ans1 = B+C
int ans2 =