

# Brother Trouble



Darshit is studying for the unit test tomorrow. Not wanting to fail in the exams and be called for a retest, he wants to be focused on the work at hand. Just then, his little brother comes and asks him some doubts in Geometry.

He asks whether, the given coordinates **x,y** lie on a line having a slope **m** and the constant as **c**. (when talking about the standard equation for line)

Darshit being a smart computer programmer and lazy by nature, starts to write a code for his brother. Help Darshit in writing the code.

Input:

First line contains **N**, the number of test cases. Each of the following **N** lines contain four values, **x y m c**.

Output:

If **x,y** lie on the line, display **ON THE LINE**, else display **NOT ON THE LINE**.

Each Output should be on a new line.

Constraints:

You can assume the values used in the problem are between **0** to **100**. (Including 0 and 100)

Example: Input:

```
4
1 1 1 0
1 2 3 4
1 5 2 3
2 5 2.5 0
```

Output:

```
ON THE LINE
NOT ON THE LINE
ON THE LINE
ON THE LINE
```