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Age LimitDifficulty Rating: 245Expand

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StatementHintsSubmissionsSolution

Problem

Chef wants to appear in a competitive exam. To take the exam, there are following requirements:

- Minimum age limit is X (i.e. Age should be **greater than or equal** to X).
- Age should be **strictly less** than Y .

Chef's current Age is A . Find whether he is currently eligible to take the exam or not.

Input Format

- First line will contain T , number of test cases. Then the test cases follow.
- Each test case consists of a single line of input, containing three integers X , Y , and A as mentioned in the statement.

Output Format

For each test case, output YES if Chef is eligible to give the exam, NO otherwise.

You may print each character of the string in uppercase or lowercase (for example, the strings YES, yEs, yes, and YES will all be treated as identical).

Constraints

NODEJS

```
1 process.stdin.resume();
2 process.stdin.setEncoding('utf8');
3
4 // your code goes here
5 let input = '';
6 process.stdin.on('data', chunk => input += chunk);
7
8 process.stdin.on('end', () => {
9   const inputLines = input.split('\n');
10  const TestCases = parseInt(inputLines[0], 10);
11  inputLines.shift();
12  for (let i = 0; i < TestCases; i++) {
13    const ages = inputLines[i].split(' ');
14    const [minLimit, maxLimit, age] = [parseInt(ages[0]), parseInt(ages[1]), parseInt(ages[2])];
15    if (age >= minLimit && age < maxLimit) {
16      console.log('YES');
17    } else {
18      console.log('NO');
19    }
20  }
21 }
```

16:16

Test against Custom Input

```
22 29 25
20 40 15
28 29 28
```

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Windows Taskbar

System Tray: ENG IN, 02:58 PM, 11-02-2023

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codechef.com/problems/SQUATS

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SquatsDifficulty Rating: 249Expand

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StatementHintsSubmissionsSolution

Problem

Somu went to the gym today. He decided to do X sets of squats. Each set consists of 15 squats. Determine the total number of squats that he did today.

Input Format

- The first line contains a single integer T — the number of test cases. Then the test cases follow.
- The first and only line of each test case contains an integer X — the total number of sets of squats that Somu did.

Output Format

For each test case, output the total number of squats done by Somu.

Constraints

- $1 \leq T \leq 1000$
- $1 \leq X \leq 10^5$

Sample 1:

NODEJS

```
1 process.stdin.resume();
2 process.stdin.setEncoding('utf8');
3
4 // your code goes here
5 let input = '';
6 process.stdin.on('data', chunk => input += chunk);
7
8 process.stdin.on('end', () => {
9   const SQUATS_PER_SET = 15;
10  const inputLines = input.split('\n');
11  const TestCases = parseInt(inputLines[0], 10);
12  inputLines.shift();
13  for (let i = 0; i < TestCases; i++){
14    const noOfSets = parseInt(inputLines[i]);
15    console.log(noOfSets * SQUATS_PER_SET)
16  }
17 });
18
19
```

14:45

Test against Custom Input

3
1
4
99

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Windows Taskbar

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←Saving TaxesDifficulty Rating: 252Expand

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StatementHintsSubmissionsSolution

The first line of input will contain a single integer T , denoting the number of test cases.

- Each test case consists of a single line of input consisting of two space separated integers X and Y denoting the amount you earned and the amount above which you will have to pay taxes.

Output Format

For each test case, output a single integer, denoting the minimum amount you need to invest.

Constraints

- $1 \leq T \leq 100$
- $1 \leq Y < X \leq 100$

Sample 1:

Input	Output
4	2
4 2	1
8 7	4
5 1	1
2 1	

Explanation:

NODEJS

```
1 process.stdin.resume();
2 process.stdin.setEncoding('utf8');
3
4 // your code goes here
5 let input = '';
6 process.stdin.on('data', chunk => input += chunk);
7
8 process.stdin.on('end', () => {
9     const inputLines = input.split('\n');
10    const TestCases = parseInt(inputLines[0], 10);
11    inputLines.shift();
12    for (let i = 0; i < TestCases; i++){
13        const nums = inputLines[i].split(' ');
14        const [earned, taxes] = [parseInt(nums[0]), parseInt(nums[1])]
15        console.log(earned - taxes)
16    }
17 });
18
19
```

14:34

Test against Custom Input

4
4 2
8 7
5 1

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Windows taskbar with icons for File Explorer, Chrome, VS Code, and others. System tray shows language (ENG IN), network, and time (03:05 PM 11-02-2023).

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codechef.com/problems/WATERCONS

Water ConsumptionDifficulty Rating: 254ExpandPrev ProblemNext Problem

StatementHintsSubmissionsSolution

today.

Output Format

For each test case, output YES if Chef followed the doctor's advice of drinking at least 2000 ml of water. Otherwise, output NO.

You may print each character of the string in uppercase or lowercase (for example, the strings YES, yEs, yes, and YES will all be treated as identical).

Constraints

- $1 \leq T \leq 2000$
- $1 \leq X \leq 4000$

Sample 1:

Input	Output
3	YES
2999	NO
1450	YES
2000	

Explanation:

NODEJS

```
1 process.stdin.resume();
2 process.stdin.setEncoding('utf8');
3
4 // your code goes here
5 let input = '';
6 process.stdin.on('data', chunk => input += chunk);
7
8 process.stdin.on('end', () => {
9     const MIN_WATER_LIMIT = 2000;
10    const inputLines = input.split('\n');
11    const TestCases = parseInt(inputLines[0], 10);
12    inputLines.shift();
13    for (let i = 0; i < TestCases; i++){
14        const waterConsumed = parseInt(inputLines[i])
15        if(waterConsumed >= MIN_WATER_LIMIT){
16            console.log('YES')
17        } else {
18            console.log('NO')
19        }
20    }
21 })
```

17:27

Test against Custom Input

3
2999
1450
2000

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