### Water Consumption

Recently, Chef visited his doctor. The doctor advised Chef to drink **at least** 20002000 ml of water each day.

Chef drank XX ml of water today. Determine if Chef followed the doctor's advice or not.

### Input Format

* The first line contains a single integer TT — the number of test cases. Then the test cases follow.
* The first and only line of each test case contains one integer XX — the amount of water Chef drank today.

### Output Format

For each test case, output YES if Chef followed the doctor's advice of drinking at least 20002000 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≤T≤20001≤T≤2000
* 1≤X≤40001≤X≤4000

### Sample 1:

Input

Output

3

2999

1450

2000

YES

NO

YES

### Explanation:

**Test case** 11**:** Chef followed the doctor's advice since he drank 29992999 ml of water which is ≥2000≥2000 ml.

**Test case** 22**:** Chef did not follow the doctor's advice since he drank 14501450 ml of water which is <2000<2000 ml.

**Test case** 33**:** Chef followed the doctor's advice since he drank 20002000 ml of water which is ≥2000≥2000 ml.

More Info

Time limit0.5 secs

Memory limit1.5 GB

Source Limit50000 Bytes

#include <stdio.h>

int main(void) {

int x,t;

scanf("%d",&t);

while(t--)

{

scanf("%d",&x);

if(x>=2000) printf("YES\n");

else printf("NO\n");

}

return 0;

}