

Choose Three

Problem

Submissions

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Problem Statement

You will be given an array **A** and the size of that array **N**. Additionally, you will be given a sum **S**. Your task is to determine whether it is possible to select three distinct indexed values from the array such that their summation equals **S**.

Input Format

- First line will contain **T**, the number of test cases.
- First line of each test case will contain **N** and **S**.
- Second line of each test case will contain the array **A**.

Constraints

1. $1 \leq T \leq 100$
2. $1 \leq N \leq 100$
3. $1 \leq S \leq 1000$
4. $1 \leq A[i] \leq 1000$ Where $0 \leq i < N$

Output Format

- Output "YES" if it is possible, otherwise output "NO".

Sample Input 0

```

5
5 10
1 2 3 4 5
5 6
4 2 3 5 4
3 6
2 2 2
4 4
2 8 1 5
1 3
1
    
```

Sample Output 0

```

YES
NO
YES
NO
NO
    
```