**Problem:**

Black Widow and Hawkeye are playing Asgardian Ludo. In this game, the one who reaches 25 or more first wins.

Each of them gets 7 turns. Your job is to find who reaches the goal first.

**Input:**

The first line of the input contains a single integer T denoting the number of test cases. The description of T test cases follows.

The first line of each test case contains Black Widow’s 7 numbers.

The second line contains Hawkeye’s 7 numbers

**Output:**

For each test case, print a single line.

If black widow wins, print “WIDOW”; if hawkeye wins, print “HAWKEYE”; if both wins, print “BOTH”; if no one wins, print “NONE”

**Constraints:**

1 ≤ T ≤ 100

**Explanation:**

**Example 1:**

Black widow gets 30(≥25) after first 5 turns.

Hawkeye gets 5(≤25) after first 5 turns.

**Example 2:**

Both get score ≥25 after 7 turns.