

UCF “Practice” Local Contest — Aug 28, 2021

Special Jersey Numbers

filename: jersey

Difficulty Level: Easy

Time Limit: 5 seconds

The jersey number 17 has been worn by several famous athletes, e.g., John Havlicek (NBA), Don Meredith (NFL), and Felipe Alou (MLB). The jersey number 18 has also been worn by several famous athletes, e.g., Peyton Manning (NFL), Joe Morgan (MLB), and Phil Jackson (NBA). These two jersey numbers are special to Dr. Orooji as well but for other reasons! So, whenever Dr. O is watching sports, he looks for these two special numbers.

The Problem:

Given a list of 10 numbers, determine which special jersey number is in the list.

The Input:

There is one input line, it consists of exactly 10 single-space-separated distinct integers (each integer between 11 and 99 inclusive) giving the jersey numbers for the players.

The Output:

Print one of four messages (17, 18, both, none), indicating which special jersey number is in the list.

Sample Input

Sample Output

11 99 88 17 19 20 12 13 33 44	17
11 12 13 14 15 16 66 88 19 20	none
20 18 55 66 77 88 17 33 44 11	both
12 23 34 45 56 67 78 89 91 18	18