**THE PROBABILITY**

CASE\_2:

Player\_1, Player\_2 and Player\_3 are entering into the game where they have to fight with missile as an actual war, where they fire one after the other, in a sequence, the sequence selected by draw of lots.

Restrictions: All the 3 players can keep on shooting among themselves until they hit with the missile. This goes on until there is one last Player has left un-hit, and then the war ends. The chances that Player\_1 hits its target is 90%, Player\_2 hits the target is 70% and Player\_3 a hits the target is 50%.

Who has the highest chance of winning the war?

**ANAGRAM**

Given two words - Binary and Brainy, one may be an anagram of another. Check if the first word is an anagram of the second. Test cases should include single word and multiple words.

**Sample Input:**

Silent

Listen

**Sample Output**:

“Silent” is an anagram of “Listen”

Sample Input2:

[Anna Madrigal](https://en.wikipedia.org/wiki/Tales_of_the_City)

A man and a girl

Sample Output2:

“[Anna Madrigal](https://en.wikipedia.org/wiki/Tales_of_the_City)” is an anagram of “A man and a girl”

**Sample Input3:**

Silent

Single

**Sample Output3:**

“Silent” is not an anagram of “Single”