Annotation:

1. Doing well to achieve function that check bisques with very original method

2. The 5th execution is run out of time, so some code need to be improve or cut off

3. Cannot find a way to finish within 5 second, finally the answer shows the key lays on: Instead of checking each sequence (with N elements, difference between consecutive element = diff, start number = num) if there is a $q*q + p*p$ ($p/q <= M$) = the element; a better solution should be applied.

4. Because $q*q + p*p$ will be calculate many times, it is wise to a boolean table to store all the possible of table[$0 -> q*q + p*p$], only a few of be set true, default will be false. Efficiency could be improved through this modification.