Step1: generate data set
Please generate a 1000x100 random data set with seed 2019. You can run the below script.

Step2: use data.csv (from step1)and calculate top 3 z-score pairs
Assume each column represents a unique stock's daily return series (not price). Each row is a daily return with 0 being
the earliest date and 999 being the latest.
We would like to find out the top 3 pairs trading strategy (long X, short Y) which has the highest Z-score of compounding return index. List the top 3 pairs.

Assume the positions are rebalanced in each period. i.e. for pair(X,Y) (long X, short Y), the pair return of any
period *i* is simply $return(X,Y)_i = return(X)_i - return(Y)_i$
z-score is defined as (latest value – mean) / std.
Please note that the z-score of the **compounding return index**, not the daily return itself. E.g. if daily return is
0.01, 0.02, 0.03, … then its compounding return index should be 1.01, 1.01*1.02, 1.01*1.02*1.03, …