Readme of the programs

Three programs are needed to execute sequentially.

1. TradingProgram.py which is the program to download the live price, check the slippage and execute orders through IB
   1. Inputs:
      1. account: The account name of IB
      2. pathOda: The path to the order file in .csv format
      3. pathLivePrice: The path to store the live price download from IB
   2. outputs:
      1. The live price file in .csv format
      2. if slippage < 0.015, place the order through IB automatically
2. ExecutionProgram.py which is the program to check the percentage of executed orders by downloading the execution details through IB
   1. Inputs:
      1. account: The account name of IB
      2. pathOda: The path to the order file in .csv format
      3. pathExecution: The directory to store the retrieved execution details file named ExecutionFile.csv
      4. currExecution: The path to the execution file
   2. output:
      1. True/False indicating whether the total executed orders are over 80% of the required amount
3. TradingRecord.py which is the program to record the pnl, open position and close position of the day
   1. Inputs:
      1. pastRecord: the previous open position in csv format
      2. currRecord: the live price of the day in csv format
      3. currExecution: the execution details of the day
      4. pathPNL: the path to store pnl of the day
      5. pathClosePosition: the path to store close position of the day
      6. pathOpenPosition: the path to store open position of the day
   2. outputs:
      1. The pnl file in .csv format
      2. The open position file in .csv format
      3. The close position file in .csv format

In the Input directory, some sample inputs are provided including

1. sample of previous open position file
2. sample of execution file
3. sample of oda file
4. sample of live price file