# Python Project

## Telegram Bot

1. Create a Telegram Bot that can do API call to coingecko and get real time price for BTC and Etherum.
   1. Setup Private Telegram Bot that can respond to queries
   2. Perform API call to Coingecko to get live price for BTC/USD rate
2. Create search function for searching specific keywords across multiple excel files.
   1. Setup simple GUI to allow users to select the folder where excel files are stored and enter the keyword to search for.
   2. Perform search on all excel files that resides in the selected folder based on the keyword captured and return the result of which file, which row and column does the keyword exist. It is expected that there will be more than 1 of such keyword and the program must return all that contains the keyword. Eg, if search string is for “apple” and there are 5 cells that contains apple and 3 cells that contains pineapple in 5 different files, 8 results should be returned.
   3. For each of the search result, provide a link that can open the file and move the cursor to focus on the exact row and column of the cell that contains the keyword. Eg, 8 results returned, user can click on any of the 8 results open the file with the keyword
3. Split 1 large file into multiple files based on column C and D and create filenames based on the values in the columns