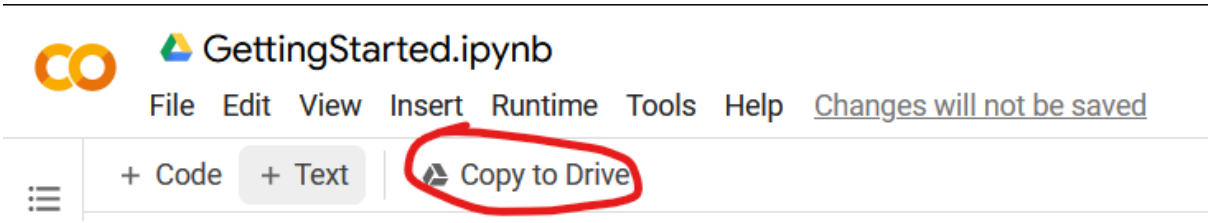
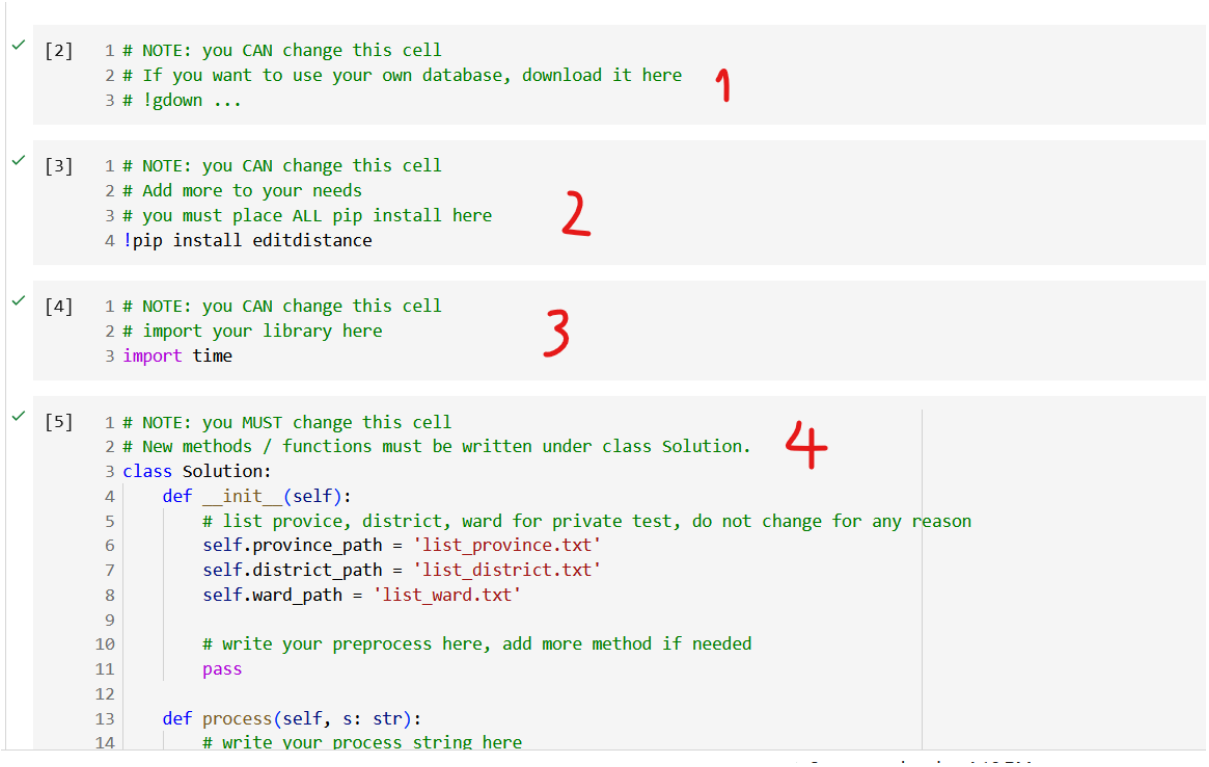
Quick start

Google Colab notebook
https://colab.research.google.com/drive/1NyW5Qc0hWue9g-9oz36y-Gw4WrCiiPUI?usp=sharing

1. Copy the notebook to your drive



2. Implement your solution in cell 1, 2, 3, 4



```
[2]  # NOTE: you CAN change this cell
     # If you want to use your own database, download it here
     # !gdown ...
```
1

```
[3]  # NOTE: you CAN change this cell
     # Add more to your needs
     # you must place ALL pip install here
     !pip install editdistance
```
2

```
[4]  # NOTE: you CAN change this cell
     # import your library here
     import time
```
3

```
[5]  # NOTE: you MUST change this cell
     # New methods / functions must be written under class Solution.
     class Solution:
         def __init__(self):
             # list provice, district, ward for private test, do not change for any reason
             self.province_path = 'list_province.txt'
             self.district_path = 'list_district.txt'
             self.ward_path = 'list_ward.txt'

             # write your preprocess here, add more method if needed
             pass

         def process(self, s: str):
             # write your process string here
```
4

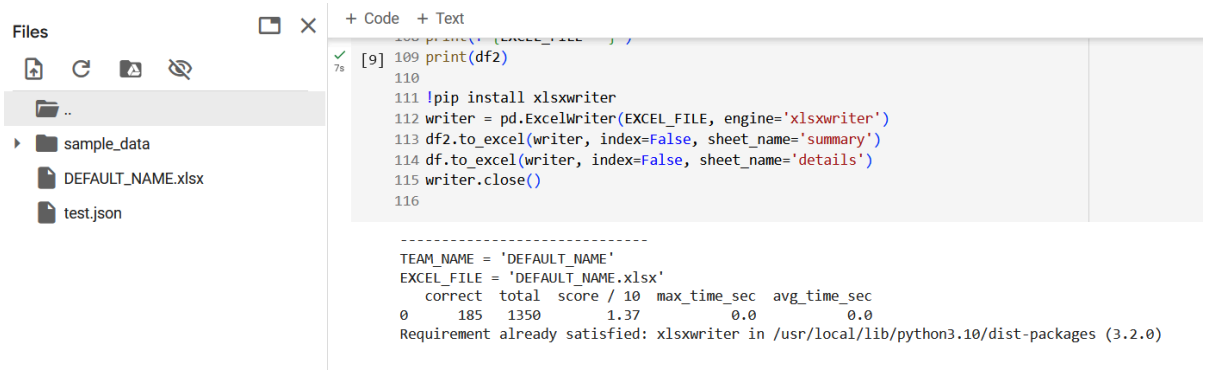
Rules to make things easier for the grading process:

- Cell 1: for downloading your own database, or indexes, …
    - Using gdown for downloading files from your drive to the notebook.
    - Your file must be shared under “anyone with the link can view this file”.

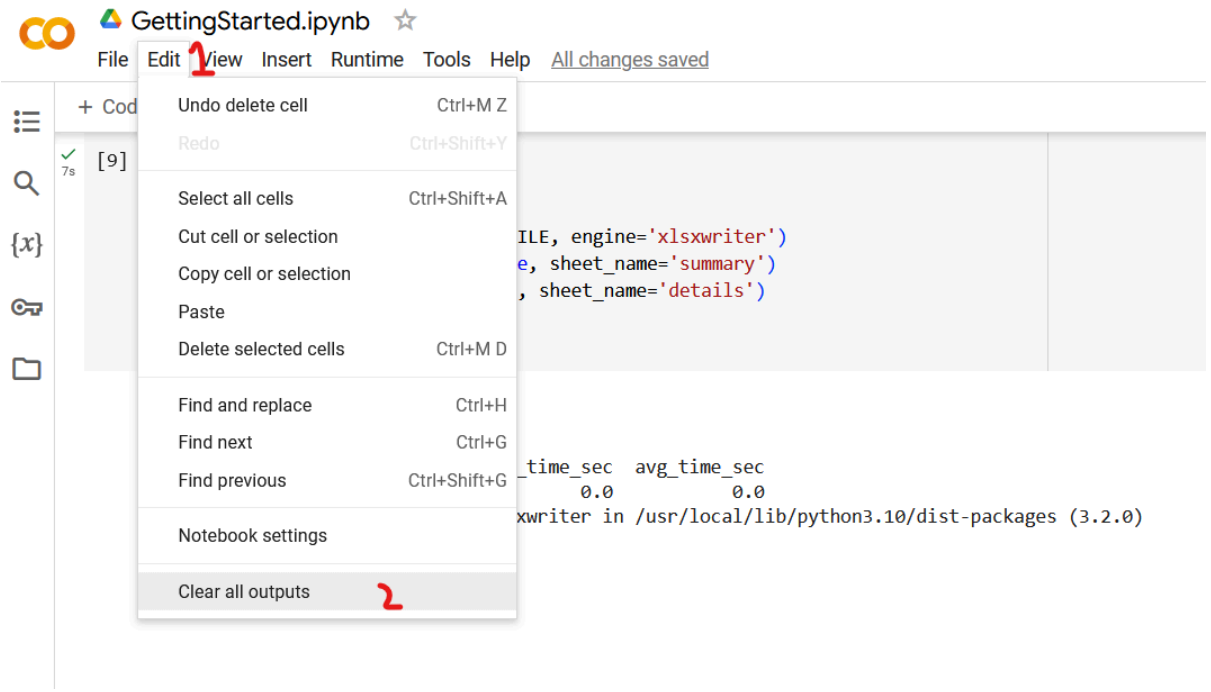
    - Your shared file must exist past the grading period. If your notebook depends on your drive files and it does not exist during the grading process, you get a zero (because your notebook cannot run).
- Cell 2: for pip install libraries
- Cell 3: for importing libraries
- Cell 4: class Solution
    - Every new method you write must be placed under this class
- The last 2 cells: Scoring cells, will be replaced at grading time.
- Failure to follow these steps may or may not grant you a zero.

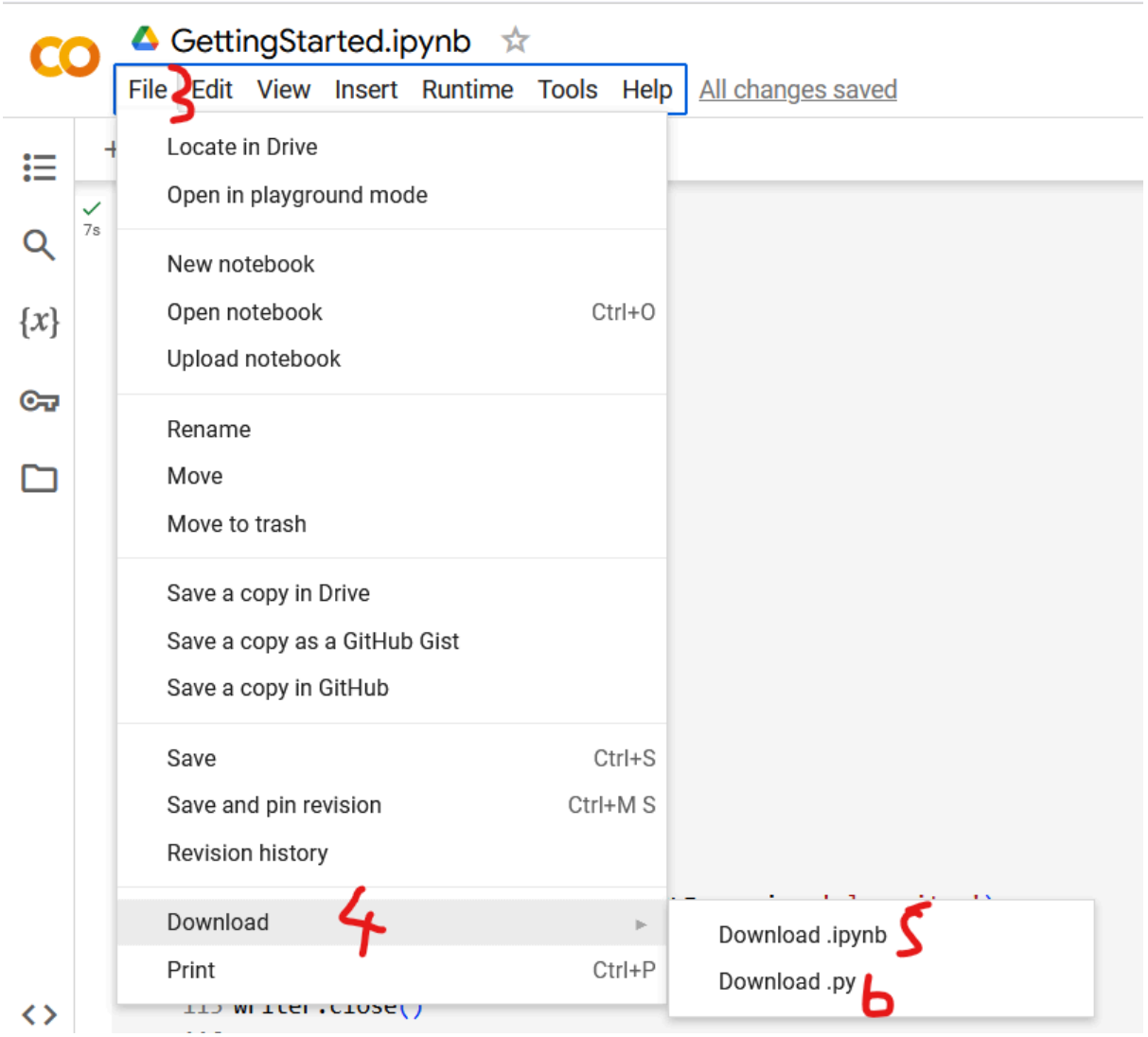
3. Press Ctrl-F9 to Run all

4. Your score will display below the last cell (also, there is a detailed .xlsx file for your convenience)



5. When you are completed with your solution, click clear all outputs, then submit BOTH .ipynb file and .py file





6. Submit your file to BKEL

Link nộp bài: https://lms.hcmut.edu.vn/mod/workshop/view.php?id=201396

Chỉ leader nộp 1 flie zip duy nhất

Làm đúng theo hướng dẫn, nếu chạy không được 1 lần trừ 1 điểm. Lần thứ 2 sẽ 0 điểm.

Dự kiến nộp ngày 12/4 vs mình sẽ chạy vào 13-14/4. Sau đó sẽ tổ chức 1 buổi học để báo cáo.

Bài nộp bao gồm luôn 1 file PPT (trình bày) ko cần report.

Các thành viên sẽ bằng điểm nhau nếu không ghi rõ % contribution (lấy chuẩn total bài làm là 100%) trong slide.

The grading process

The next to last cell will be replaced with the private test.
Then the .ipynb file (the notebook) is run from the top to bottom using Run all (Ctrl F9)
If the notebook fails twice, **you get a zero**, else it's the score on the last cell output