Parabole

PLEASE FOLLOW THE INSTRUCTIONS BELOW

- The problem statement can be found in ProblemStatement.pdf
- The coding must be done in Python. You can choose from Python 2.7 and Python 3.6.
    - Please clone the following repository for Python 2.7

      https://github.com/SauravMukherjeeParabole/parabole-recruitment-test-py2

      ```
      git clone https://github.com/SauravMukherjeeParabole/parabole-recruitment-test-py2
      ```

      (Use this command in Git bash)

    - Please clone the following repository for Python 3.6

      https://github.com/SauravMukherjeeParabole/parabole-recruitment-test-py3

      ```
      git clone https://github.com/SauravMukherjeeParabole/parabole-recruitment-test-py3.git
      ```

      (Use this command in Git bash)

- The total duration of this exam is 6 hours. (From 6 P.M. to 12 midnight)
- You can use any external knowledge for the exam. This includes but is **not limited to** Open Source Software, Publicly Available Datasets, Wheel Files etc.
- The user defined aspects can be found in **data/predefined_aspects.txt.**

- In **driver.py,** input from file is handled through available function – **read_directory()** and **main(),** you can add your code only to **finding_aspects()** function.
  - In case you want to handle the input manually through your own code you are free to do so. You can change **driver.py** in any format you want, however, the input files **should not be changed**.
- The input sent to **finding_aspects()** is
  - `input_review` **(string)** which is the review contained in that file.
  - `name_of_file` **(string)** which was the initial file name from which the data is read from.
- The output format for each review, i.e. for each file in the **input** folder, you must write the ordered list of aspects within a file in the **output** folder with the **same name** as the input file.
  The ordered list refers to the **level of importance of each aspect** within the review. Same ranked aspects are to be written in the same line using comma (**,**). Aspects of differing importance should be placed on subsequent lines of the output file with the most important aspect(s) being on top. Sample examples can be found in the folder **SampleExamples** folder of the repository. Explanation of the **SampleExamples** can be found in the **readme** file within the **SampleExamples** folder.
- The **input** and **output** formats should be the same as specified. You should not change the format of the files.
- For submission, upload the repository you have worked with to the Google Drive folder shared with you. Please do not zip or compress your folder.
- Please handle all the **external dependencies** from within the project repository before upload. You do not need to handle dependency of **default** python libraries. Any external libraries or datasets or anything else should be handled by you. We will be testing the runtime results only through **driver.py** . Any Runtime Error during execution will not be debugged or externally handled by us. Any External dependencies you are using should be clearly mentioned in the **Explanation\ExternalDependencies.txt** in the repository.
- The approach to the problem should be clearly mentioned by you in the file **Explanation\Explanation.txt**. This is **extremely important**, and you should

manage your time accordingly. Your output will not be considered if you do not explain your proceedings in this file.

- The submissions should be completed by 12 midnight. Late submissions would attract penalty. **Be conscious of the repository size and your internet bandwidth while uploading.**
- You should not commit to the repository you pulled from. Please upload the file in the **Google Drive** folder link shared with you.
- The output responses will be put through a qualitative analysis. **There is no single correct answer for the problem statement**.
- Do not write any code with malicious intent in **driver.py** that takes advantage of administrative privileges. Any such submissions will be instantly disqualified.
- Any questions, look into the **FAQ file** or drop a mail at recruitment-desk1@mindparabole.com.