Project 5.37. Web Scrapping on Open Rice List

Requirement: submit a code to realize the following function:

1. Get the restaurants list from this website by entering the district (18 districts): https://www.openrice.com/en/hongkong
2. Return a csv file with the following information:
   1. Name of first 100 restaurants
   2. Location of the restaurants
   3. Price range
   4. Type of the restaurants
   5. The rating of the restaurants
3. Bonus – Self detect your current position using LBS
   1. Find the nearest district of your position
   2. Get the list of first 100 restaurants with the above information
   3. The restaurants are sorted by price (from lowest to highest)

Codes will be graded based on:

1. The format of the codes
2. The organization of the csv file
3. The speed of the codes
4. The extendibility of the codes

Estimated completion time: 25 hours + 20 hours for bonus. Time consumption depends on the codes’ quality.

Suggestive points:

Deadline:

Bonus points:

1. Work completion one day before the deadline will generate an extra 20% bonus.
2. Slides to explain the codes will give 50 points/page

Penalty:

1. Late delivery/missing deadline will incur -10% of finally determined points of the whole project per missing day.
2. Serious mistakes that made the submitted results not useful will incur -120% of the whole project.