Project 5.30.

Introduction:

This code requires the usage of requests, parse, beautifulsoup, json, datatime and xlsxwriter packages to complete. It is a test on the comprehensive knowledge about web scraping.

Requirement:

1. Website link: <https://www.lagou.com/>
2. Enter the key word that you want to search in the code (such as job keyword, major, etc. just like the way when you want to search for a job on this website)
3. Return a csv file with the following information:
   1. Company name
   2. Company short name
   3. Position name
   4. Education
   5. Salary
   6. Finance stage
   7. Company size
   8. Industry field
   9. Company introduction

Which is the information you need to focus on when you are hunting a job.

1. Return a comprehensive dataset of all job posts’ salaries and calculate the average salary for each position category.
2. Bonus
   1. write PowerPoint slide to introduce the code (50/effective page)

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: 40 hours. Time consumption depends on the codes’ quality.

Suggestive points:

Deadline:

Bonus points:

1. Work completion before the deadline will generate an extra 20% bonus.

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.