I use two useful Artificial Intelligence framework on Github:
1)https://github.com/aimacode/aima-python
2)https://github.com/simpleai-team/simpleai

(aims is under Python 3.5 environment, simpleai is under Python 2.7 environment )

Most problem use aima framework.
Problem_2 and Problem5_TSP_genetic use simpleai framework.

With the help of these two framework, I finish all the question, including the bonus question.

All the text answer is in pdf format named Assignment2.
All the output and input for each question is in one word file called input_output.
Please go in two folds to get the code run.

For Chapter 3, Ex. 3.9: Problem2.py
For Chapter 3, Ex. 3.22: all py file begin with Problem4
For Chapter 4, Ex. 4.3: all py file begin with Problem5

Thank you and sorry for the inconvenient.

Boya