I got the assignment done. The program ran with out errors with the correct result. I spent about half an hour coding the program and another two hours writing the essay. I found the programming straightforward and the essay challenging. I copied most of the code from the book. I did not get help from anyone. I had to find the January NYC temperatures myself. I got them from GitHub (<https://github.com/jonbugge4/Machine-Learning/blob/master/ave_hi_nyc_jan_1895-2018.csv>) and used DownGit (<https://minhaskamal.github.io/DownGit/#/home>) to download the file. I learned that there are three main types of algorithms used in machine learning: Supervised Learning, Unsupervised Learning and Reinforcement Learning.