BAN 601 – Homework 2

1. Please find the attached employee salary file under Homework 2 section
2. Read the name of the input file as first parameter to the program
3. Read the file contents. Divide the contents of the file into 2 different files
4. The fields (Id, EmployeeName, Year, Agency) into another new file. Name this new file as [netid]\_Employee\_Master.csv
5. The fields (Id, BasePay, OvertimePay, OtherPay, Benefits) into another new file. Name this new file as [netid]\_Employee\_Salaries.csv
6. In the end create a new summary file ([netid]\_Employee\_Summary.csv). The contents of this file should be one line with the following information. Each field is separated by comma
   1. Field1: total\_num\_employess (Total number of employees)
   2. Field2: total\_base\_pay
   3. Field3: total\_overtime\_pay
   4. Field4: total\_benefits
7. Example
   1. >>cat abc1234\_ Employee\_Summary.csv

Total\_num\_employees,total\_base\_pay, total\_overtime\_pay, total\_benefits

100, 150000,546.00,9082305,8998,90983

1. There is python template file is provided which has the sample code. You can take that sample code and embed your code where necessary. I have put “#To do:” comments in there where you would need to write necessary python code to complete the task above.

**Deliverables**

1. Submit the python file (.py file). Your python files should be named as [your netid]\_homework2.py
   1. If you name your file incorrect you will not earn any credit. Zero points will be given if you miss naming your file correctly
   2. Example: if your netid is ab1234 then your file name will ab1234\_homework2\_task1.py and ab1234\_homework2\_task2.py
   3. Please do not submit a .pyc file which is the compiled version of your python file. Make sure to submit only .py file in your submission
2. Submit the generated output files ([netid]\_Employee\_Master.csv, [netid]\_Employee\_Salaries.csv and [netid]\_Employee\_Summary.csv )
3. Submit a word document with screen shots of your execution for all different execution scenarios. Capture the screenshot of your output in the word documents. Your word document should be named as [your netid]\_homework2.docx
   1. Example: if your netid is ab1234 then your file name will ab1234\_homework2.docx
4. Do not send your homework submission to my email. Make sure to submit your homework submission via blackboard.