**Introduction**:

Assignment evaluate student understanding of concepts learned in this module and prior modules

**Instructions**:

1.Create a Python code file named m5lab\_FileProcessing\_FirstLast.py  
(replace "FirstLast" with your own name)  
2. Add a title comment block to the top of the new Python file using the following form

# A brief description of the project  
# Date  
# CSC121 M5Lab  
# Your Name

**Part 1(30 points):**  
3. Write a program that reads the file linked below "**sales.csv**" and determines and displays the total sales for each product.

 [sales.csv](https://faytechcc.blackboard.com/bbcswebdav/pid-9494613-dt-content-rid-85890245_1/xid-85890245_1)

**Part 2(20 points):**

4. Enhance code completed in step 3 above by completing the following.

* Write the output generated in step 3 into a **csv**file named "total\_sales".
* The file is to have two columns "**Product ID**" , "**Total Sales**"
* Add a dollar sign next to the total sales for each product

**Part 3(20 points):**

5. Enhance code completed in step 4 above completing the following:

* Write the output generated in step 3 into a **txt**file named "**total\_sales\_txt**".
* The file is to have a header row with following titles: "**Product ID**" , "**Total Sales**"
* Add a dollar sign next to the total sales for each product

**Part 4(30 points)**

6. Enhance the program by having it do the following:

* determines and displays the total sales  for each customer.
* Write the generated output into a csv file named "cus\_total". the file MUST have header rows
* Write the generated output into a txt file named "cus\_total\_txt".
  + Must have a header row
  + Make sure it is properly formatted and aligned
  + Add dollar sign next to each sales amount

**IMPORTANT:**

* Custom functions MUST be created.
* MUST be modularized (more than one code file)