

Your second assignment isn't due for a while, but you can begin it even though we have not covered all of the material. For the next few weeks, Suggestions on how to complete the assignment will be posted on Blackboard, incorporating what we have learned in class each week. The assignment will handle many gas purchases. For now, we will simply get the assignment working for one purchase only.

1. Add the necessary preprocessor directives
2. Add a short narrative explaining the purpose of the 2nd assignment
3. Add your name and section number as a comment
4. In main:
 - a) Declare variables for a customer name (string) and type of gas (character).
 - b) Declare variables (double) for # of litres and sales amount
 - c) Open a file called gas.rpt for output. Set output rules for the file.
 - d) Print titles for the report (use setw, left justify string data and right justify numeric) to a file.
Have your output look similar to the following, followed by a blank line:

Customer Name	Type of Gasoline	# of Litres	Sales Amount
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 - e) Ask the user to enter a customer name, number of litres of gas and type of gas.
 - f) Calculate the sales amount by multiplying the # of litres by 1.28. Assume all gas costs \$1.28 for now.
 - g) Print the output to a file (under the headings)
For example:

J. Doe	R	280	64.00
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- h) Add:

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system("type gas.rpt");  
system("pause");
```

before closing main.

5. Run the program.