Objectives:

As a programmer, you will be expected to understand good coding practice and logical structures. For this project ***you must show mastery of***:

- Proper code layout
- Variable declaration and initialization
- Proper library importing
- Constant declaration and initialization
- Modularization
- Constructor
- Program sequence, selection, & looping
- Cohesion
- Input validation/sanitization
- Good programming practices

Lab 2

All of the chapter exercises plus:

Rick Hammer is a carpenter who wants an application to compute the price of any desk a customer orders, based on the following: desk length and width in inches, type of wood, and number of drawers. The price is computed as follows:

- The minimum charge for all desks is $200.
- If the surface (length * width) is over 750 square inches, add $50.
- If the wood is “mahogany” add $150; for “oak” add $125. No charge is added for “pine.”
- For every drawer in the desk, there is an additional $30 charge.

Write the code for a program that accepts data for an order number, customer name, length and width of the desk ordered, type of wood, and number of drawers. Display all the entered data and the final price for the desk.