**Lab Assingment 4**

**Function**

**Due date: 2/17/14 (Monday)**

**Write a program using functions to:**

1. Accept name and address of a customer using getline(cin,x) statements or comparable statements that will read multiple words
2. Accept length and width of a room
3. Accept price of carpet per square yard.
4. Calculate the cost of carpet for the room.
5. Calculate estimated labor cost for the room at $3.00 a square yard.
6. Print the estimate as shown below.

**Example of a program run:**

**Input**

Enter name of the customer------> Carlos Anzaldua

Enter address-------------------> 111 Harvey

Enter City ST and Zip-----------> McAllen TX 78504

Enter length of the room (in feet) ----------> 30

Enter width of the room (in feet) -----------> 25

Enter price of carpet per Sq. yard --------- > 15.80

**output**

C++ CARPET SALES AND INSTALLATION

address and telephone

Customer Info: Carlos Anzaldua

: 111 Harvey

: McAllen TX 78504

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Length of the room -------- > 30

Width of the room---------- > 25

Sq Yards of carpet needed---> 83.33

Cost of carpet ---> $ 1316.67

Sales Tax --------> $ 108.63

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Total-------------> $ 1425.29

Estimated installation Charge @ $3.00/yard: $250.00