**C Programming Assignment #3**

**Due date – Feb. 22 100 points**

You are to write a program to calculate a Bill for a Construction contractor.

**Assign Data:**

* assign the name of the Construction firm to a string
* assign the name of the Customer each to a string

**Read in Data:**

* Number of labor hours for the job
* Amount of materials

**Calculate:**

* Calculate Labor Cost = number of Labor hours times $50
* Calculate Job Fee= Labor Cost + Materials
* Calculate the Discount= Job Fee times the discount percentage (see table)

The discount percentage is assigned according to the following table

|  |  |
| --- | --- |
| Job Fee< $5,000 | No discount |
| Job Fee>=$5,000 and <$10,000 | 5% |
| Job Fee>=$10,000 and <20,000 | 10% |
| Job Fee>=$20,000 | 20% |

* Calculate the Final Amount Due= Job Fee – Discount

**Print Results:**

Printout all data. Output is to look something like the following:

Construction Firm Name

Customer: xxxxxxx

Number of Hours = xxxxx

Labor Cost = xxxxx

Materials = xxxxx

Job Fee = xxxxx

Discount = xxxxx

Final Amount Due = xxxxx

* **Create a word document with you name and date at the top**
* **Copy your source code to the document.**
* **Copy a screen print of the program running to the word document**
* **Upload the word document to D2L**