In this assignment you will implement a program called **"call\_cost\_calculator.*cpp"***that calculates thenet cost of a call**(*net\_cost*),** the tax on a call **(*call\_tax*)** and the total cost of the call**(*total\_cost*).**  The program should accept ***a cell phone number (cell\_num)***, **the number of relay*stations(*relays),** and **the length in minutes of the*cal*(*call\_length*) from a user.**  Please consider the following

1) The **tax rate (in percent) on a call (*call\_rate*)**is simply based on the number of **relay stations (relays)** used to make the call  (1<= **relays**<=5 then***tax\_rate***= 1%; 6<=**relays**<=11 then **tax\_rate**= 3%; 12<=**relays**<=20 then **tax\_rate**= 5%; 21<=***relays***<=50 then **tax\_rate** = 8%; **relays**>50 then **tax\_rate** =12%) .

2) The **net cost of a call**is calculated by the following formula:  **net\_cost=*( relays****/***50.0  \*  0.40 \**call\_length*).**

3***)***The tax on a call is calculated by the following formula:***call\_tax***= ***net\_cost \*  tax\_rate / 100.***

***4). The total cost of a call (rounded to the nearest hundredth)***is calculated by the following formula: **total\_cost** = ***net\_cost*** +***call\_tax .***  **All** **tax and cost** **calculations** should be rounded to the nearest hundredths.  Use the following format information to print the variables: 

        Field                               Format   
    ======================================   
**Cell Phone** **XXXXXXXXX  
    Number of Relay Stations         XXXXXX                       
    Minutes Used                             XXXXXX**  **Net Cost                          XXXXXXX.XX**  **Call Tax** **XXXXX.XX  
    Total Cost of Call              XXXXXXX.XX**

**Handing in your program**

Electronically submit**"call\_cost\_calculator.cpp"**in the Assignments area of Blackboard before the due date and time. Remember, complete the assignment not matter if it is late. It is very important that you do all assignments to master the C++ programming language.  