Program 213b

(Quantity Ordering)

**Program Description:** The cost of a certain item depends on the quantity ordered, as given by the following table:



Quantity Ordered Cost Per item

0 - 99 $5.95

100 - 199 $5.75

200 - 299 $5.40

300 & up $5.15

Write a program to input the quantity ordered and output the total cost of the order. Run the program four times with the following numbers as quantities: 50, 199, 200, and 475. Then adjust the code to read in the quantity from a data file and output the cost for each.

**Statements required:** input, output, decision making

**Data Location:** prog213b.txt

**Sample Output:**

Enter quantity 50

Price = 5.95

Amount due = 297.50

Enter quantity 199

Price = 5.75

Amount due = 1144.25

Enter quantity 200

Price = 5.40

Amount due = 1080.00

Enter quantity 475

Price = 5.15

Amount due = 2446.25