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robert@C720:~/courses/CISC3130/03-linked-lists$ g++ -std=c++11 xyzWidget.cpp -o xyzWidget
robert@C720:~/courses/CISC3130/03-linked-lists$ ./xyzWidget data.txt
+++ 150 Widgets received @ $1.00 ea
+++ 130 Widgets received @ $2.00 ea

*** 145 Widgets order:
*** 145 at 1.30 each Sales: $ 188.50
*** Total Sales: $ 188.50

+++ 50 Widgets received @ $2.50 ea

*** 75 Widgets order:
*** 5 at 1.30 each Sales: $ 6.50
*** 70 at 2.60 each Sales: $ 182.00
*** Total Sales: $ 188.50

*** 180 Widgets order:
*** 60 at 2.60 each Sales: $ 156.00
*** 50 at 3.25 each Sales: $ 162.50
*** Total Sales: $ 318.50
!!! 70 Widgets unavailable

+++ 50 Widgets received @ $4.00 ea
+++ 30 Widgets received @ $5.00 ea
+++ 40 Widgets received @ $5.50 ea
!!! 30% Promotional discount next two orders !!!

*** 50 Widgets order:
*** 50 at 5.20 each Sales: $ 260.00
*** 30% discount applied: ($ -78.00)
*** Total Sales: $ 182.00

*** 30 Widgets order:
*** 30 at 6.50 each Sales: $ 195.00
*** 30% discount applied: ($ -58.50)
*** Total Sales: $ 136.50

+++ 50 Widgets received @ $6.00 ea
+++ 265 Widgets received @ $10.00 ea

*** 60 Widgets order:
*** 40 at 7.15 each Sales: $ 286.00
*** 20 at 7.80 each Sales: $ 156.00
*** Total Sales: $ 442.00

!!! 50% Promotional discount next two orders !!!

*** 100 Widgets order:
*** 30 at 7.80 each Sales: $ 234.00
*** 70 at 13.00 each Sales: $ 910.00
*** 50% discount applied: ($ -572.00)
*** Total Sales: $ 572.00

*** 70 Widgets order:
*** 70 at 13.00 each Sales: $ 910.00
*** 50% discount applied: ($ -455.00)
*** Total Sales: $ 455.00

*** 175 Widgets order:
*** 125 at 13.00 each Sales: $ 1625.00
*** Total Sales: $ 1625.00
!!! 50 Widgets unavailable

+++ 40 Widgets received @ $14.00 ea
+++ 75 Widgets received @ $15.00 ea

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*** 110 Widgets order:
*** 40 at 18.20 each Sales: $ 728.00
*** 70 at 19.50 each Sales: $ 1365.00
*** Total Sales: $ 2093.00

+++ 30 Widgets received @ $16.00 ea
+++ 40 Widgets received @ $18.00 ea

Remaining stock [3 price groups]:
+++ 5 Widgets remaining @ $15.00 ea
+++ 30 Widgets remaining @ $16.00 ea
+++ 40 Widgets remaining @ $18.00 ea
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