Assignment #

Write a program using a look-up table

Input file is a follows: (ShipData7.txt)

ARROWHEAD OIL 005000GREECE

ASTONHEAD SUGAR 014350PANAMA

BULKFELLOW IRON ORE 002260GREECE

CRANSTON BUTANE 004560KOREA

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Columns 1 – 20 Ship name

21 – 30 Cargo type

31 – 36 Number of units on board

37 – 42 Country of registration

A subsidiary file (Table7.txt) gives information about the current price ( in dollars and cents) per unit for bulk quantities of the various commodities on board the ship:

BUTANE 0584

COPPER 0333

IRON ORE 2050

OIL 9923

RUBBER 1680

SUGAR 1237

TIMBER 0229

WHEAT 0896

Xxxxxxxxxxx99v99

In processing the main input file, use is made of the price data in the subsidiary file to generate an output report, as shown here:

CURRENT CARGO VALUE REPORT

SHIP NAME CARGO UNITS TOTAL CARGO REGISTRATION

ON BOARD VALUE NATION

ARROWHEAD OIL 5000 $ 106,150.00 GREECE

ASTONHEAD SUGAR 14350 $ ????????? PANAMA

To carry out the assignment, the contents of the subsidiary file should be placed in a look-up-table.

Demonstrate your output in lab and submit your source code and algorithm or flowchart in Blackboard.

The heading of your output must include: (10% of the assignment grade)

1. Your Name
2. Assignment number
3. Due date
4. Appropriate heading for data.

Your Source code must include comment for the following: (10% of the assignment grade)

1. Your Name, Assignment # and Due date
2. Program description
3. Variable (data name) dictionary
4. Code related to input and output of data

Formulas used in the code