CIS-CSC 170 Assignment # 6

Due: April 2

Write a program using a single-level control-break process. (Unsorted input file ShipData6.txt) see file sort6.cbl

The records of the input file describe ship cargos:

I.e.

ARROWHEAD OIL 050006040

ASTONHEAD WHEAT 143500322

BULKFELLOW IRON ORE 022603547

CRANSTON COPPER 045609289

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Columns: 1 - 20 Ship name

21 – 30 Cargo type

31 – 35 Units of cargo (tons, bushels, etc)

36 – 40 Cost per unit (pennies in last two digits 999v99)

The Output show the data sorted in ascending cargo order, with summaries for each type of cargo.

SHIPPING DATA BY CARGO

4/2/15

SHIPMENTS OF COPPER

SHIP NAME UNITS COST PER CARGO

ON BOARD UNIT VALUE

CRANSTON 4,560 $92.89 $ 332,378

HOODDOWN 785 $93.82 ???????

.

TOTAL SHIPMENT ???,????.??? ???,???,???

SHIPMENT OF IRON ORE

SHIP NAME UNITS COST PER CARGO

ON BOARD UNIT VALUE

BULKFELLOW 2,260 $35.47 $ ?????

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