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Intro to Programming – C++

Homework Assignment – Lesson 2

09/10/2012

1)

Gather cleaning supplies

Go into bathroom

Spray cleaner on sink

Wipe down sink

Rinse sink

Spray cleaner in bathtub

Wipe down bathtub

Rinse bathtub

Spray cleaner on toilet

Use special cleaner in toilet

Wipe down toilet

Spray cleaner on bathroom mirror

Wipe down bathroom mirror

Sweep floor

Throw away dirt.

End

2)

Input

boxLength

boxWidth

boxHeight

Processing

Processing Items:

boxVolume

Algorithm:

1. Enter the boxLength, boxWidth, and boxHeight
2. Calculate the boxVolume by multiplying the boxLength, boxWidth, and boxHeight together.
3. Calculate the shipCost by multiplying boxVolume by 1.75, then adding the fuel surcharge to that amount.
4. Diplay the shipCost amount.

Output

shipCost