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Homework 4

Mulch accumulator and a few other things

Goal: give a user a easy to use calculator specific to giving them square yards of mulch and truck capacity.

Input: the user will input only 3 measurements

1. Base
2. Width
3. Height

Processing: My program will:

1. Multiply the inputted data to give sq ft.
2. Divide by 27 to get cubic yards.
3. Multiply cubic yards by a fixed 30.00 dollar amount
4. Subtract total cubic yard from 4 (which is a fixed truck amount)
5. Accumulate orders.
6. Accumulate mulch

Output: My program will

1. Show the user cubic ft.
2. Show the user cubic yards.
3. Show the user total price of mulch.
4. Show the user truck capacity
5. Show the user how many orders can go into 1 truck.

Testing: I will input my own numbers into this program and verify by doing the math manually. If they match my manual numbers than all is working as it should