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Pseudocode Algorithm

Input a cost per square foot from the user, save as costPerSquareFoot
Input a length of the house from the user, save as houseLength
Input a width of the house from the user, save as houseWidth
Input a height of the house from the user, save as houseHeight
Input an amount of windows from the user, save as windowAmount
Input a height of the window from the user, save as windowHeight
Input a width of the window from the user, save as windowWidth
Input an amount of doors from the user, save as doorAmount
Input a height of the door from the user, save as doorHeight
Input a width of the door from the user, save as doorWidth

Multiply houseLength by houseWidth and add that result to the result of 0.5 multiplied by houseLength(houseHeight - houseWidth). Add that result to houseLength multiplied by houseWidth. Then subtract the result of (windowLength multiplied by windowHeight multiplied by windowAmount added to doorLength multiplied by doorHeight multiplied by doorAmount). Save this result as sqFtToPaint.

Compute the cost to paint by multiplying sqFtToPaint by costPerSquareFoot. Save this result as costToPaint.

Output the phrase “Your total paintable surface area is” followed by sqFtToPaint followed by “square feet”.
Output the phrase “Your estimate is” followed by costToPaint followed by “dollars”