House Painting Algorithm

Input number from user, save as cost

Input number from user, save as length

Input number from user, save as width

Input number from user, save as height

Input number from user, save as numWindows

Input number from user, save as lenWindow

Input number from user, save as widWindow

Input number from user, save as numDoors

Input number from user, save as lenDoor

Input number from user, save as widDoor

Calculate square footage of the peaks of the house using sqftPeak = 2\*((length \* width) + .5\*(length\*(height-width)));

Calculate square footage of the normal sides of the house using sqftNormal= 2\*(length\*width);

Calculate square footage of the windows of the house using sqftWindows= numWindows \* (lenWindow\*widWindow);

Calculate square footage of the doors of the house using sqftDoors= numDoors\* (lenDoor\*widDoor);

Calculate the total square footage of the house using sqftTotal = ((sqftPeak+sqftNormal))-(sqftWindows+sqftDoors);

Calculate the estimate cost to paint the house using estimate = sqftTotal \* cost;

Prepare for output, use string.format to remove the decimal from the estimate

Prepare for output, use string.format to remove the decimal from the total square footage

Output total square footage

Output estimate cost