House Painting Algorithm

1. Accept the cost per square foot and store as painterCost
2. Accept length of home and store as houseLength
3. Accept width and store as houseWidth
4. Accept height and store as houseHeight
5. Accept number of windows and store as windowNum
6. Accept length of windows and store as windowLength
7. Accept width of windows and store as windowWidth
8. Accept number of doors and store as doorNum
9. Accept length of doors and store as doorLength
10. Accept width of doors and store as doorWidth
11. Calculate square feet for a peak side with the formula L\*W+1/2(L\*(H-W)) and save as peakSide
12. Calculate square feet for a normal side with the formula L\*W and save as normalSide
13. Calculate square footage of windows and save as windowFT
14. Calculate square footage of doors and save as doorFT
15. Add calculations for peak side and normal side and save as sideSum
16. Subtract door and window square footage from sideSum and save as totalArea
17. Multiply painterCost and totalArea and save as estimateCost
18. Print totalArea
19. Print estimateCost