Input:

1. Input cost per square foot, stored as **sqftCost**
2. Input and store height (**houseHeight**), width (**houseWidth**) and length (**houseLength**) of house
3. Input and store width (**doorWidth)**, length (**doorLength)**, and number (**doorNum)** of doors
4. Input number of windows (**windowNum)**, the length (**windowLength**), and width (**windowWidth**)

Calculations:

1. Calculate the total for the windows
    a. **windowTotal = windowLength * windowWidth * windowNum**
2. Calculate the total for the doors
    a. **doorTotal = doorWidth * doorLength * doorNum**
3. Calculate the total for the house and store as **houseTotal**
    a. 1/2 + (**houseLength** * (**houseHeight-houseWidth**))+ 2 * (**houseLength** * **houseWidth**)+(**houseLength** * **houseWidth**) * 2
4. Add **doorTotal** to **windowTotal**, then subtract from **houseTotal**. Store as **sqFt**
    a. sqFt = (houseTotal - (windowTotal + doorTotal))
5. Multiply **sqFt** by **sqftCost** to get the final estimate. Store as **estimate**
    a. **estimate = sqftCost * sqFt**

Output:

1. Print total paintable surface area (**sqFt**)
2. Print final estimate (**estimate**)