

problems

1. I accidentally reused the variable in a for loop that is comprised in another for loop which make the second loop won't break since the variable is always redefined.

2. When I was designing the method to construct the house body, I initially came up with a more complicated method which was to divided the house body in to window frames, window glasses and other part and then print them all in once. However, I noticed I can print a window first and then just duplicate it.

Steps

Roof.

The roof is consisted of **roof top, roof body and roof bottom**. In roof body, I printed the space first then roof side, lastly the main part of the roof. For roof top and roof bottom, I print the space first then the components.

House body.

it's done in the order of **upper part of the body, windows, lower part of the house**. Since there are four windows, I first print out one window then used for loop to generate the rest three windows. The main method used in the code is using "if" to pick certain positions in a layer of the house where the components are inserted.