I divided this homework into two-part, roof and the house. The roof part is more straight forward. I printed out spacebar that is the same amount of side roof, and then I printed out # (all the number was given in the text). Roof body part I use one for to write how many layers of roof body I wanted to print out. Another layer of for to printed out spacebar and at the same time minus one every time it printed another layer. Another for to print out * that is inside the roof. The final layer of * should be every layer time 2 plus top roof. And then printed out the bottom.

The house part is trickier. I first printed out the top wall using one for to write how many layers of top wall I need and then use another for to printed out @. The final layer should be width of wall time 2 plus the width of house. Second, I printed out the house part before the window part. This part is basically same as above. Using two for to write down how many layers and another for to print the gap. The window part is the most complicated one. I divided the window into four parts. After that, I divided into another five parts. I use 3 layers of for to make that happen. Beside from the window part. Other parts I just using two layers of for to do it.

The biggest problem I encountered is that the homework keeps changing. It is a hard to keep up with all this changing. It makes me redo this assignment serval times.