C code report-assgn1

D1228792   Jason 楊智臣   9/27

When doing the homework, I have met some problem.

Because the code I learned before is c++, there are some differences between both of them. Such as "printf" and "cout", "scanf" and "cin". The usage is different so I have to change the habits of writing a code.

First time when I try to use "for" to make the roof, I don't know how to make the second row has two more than the first row. I got stock and start to consider how to solve the problem. Finally I figure a method which is put a variable in the second "for".

program steps:

First, I printed the roof top and bottom with " " and"#" because they were different with the roof middle. Also, I printed the roof middle with two-layer "for" and put a variable in the second layer. Then, I printed the house body also with two-lyer "for". I used "if-else if" to call the straight line and print the components which I wanted such as "#", "@". Finally, I added some annotation in the code line to make my code easier to understand. Also, I printed the detail data of the house in the beginning.