Coding Exercise 6:

Three is a Crowd

* Make a list of names that includes at least four people.
* Write an if test that prints a message about the room being crowded, if there are more than three people in your list.
* Modify your list so that there are only two people in it. Use one of the methods for removing people from the list, don't just redefine the list.
* Run your if test again. There should be no output this time, because there are less than three people in the list.
* **Bonus:** Store your if test in a function called something like crowd\_test.

Three is a Crowd - Part 2

* Save your program from *Three is a Crowd* under a new name.
* Add an else statement to your if tests. If the else statement is run, have it print a message that the room is not very crowded.

Six is a Mob

* Save your program from *Three is a Crowd - Part 2* under a new name.
* Add some names to your list, so that there are at least six people in the list.
* Modify your tests so that
  + If there are more than 5 people, a message is printed about there being a mob in the room.
  + If there are 3-5 people, a message is printed about the room being crowded.
  + If there are 1 or 2 people, a message is printed about the room not being crowded.
  + If there are no people in the room, a message is printed abou the room being empty.