21a) The role of a file server is to provide the necessary software to run the network, to store information & act as a master file, to control or have more control over the other nodes in the network & to provide necessary data required for the system. In this DB, it stores Mr Ferrano's info on the Comp on his network.
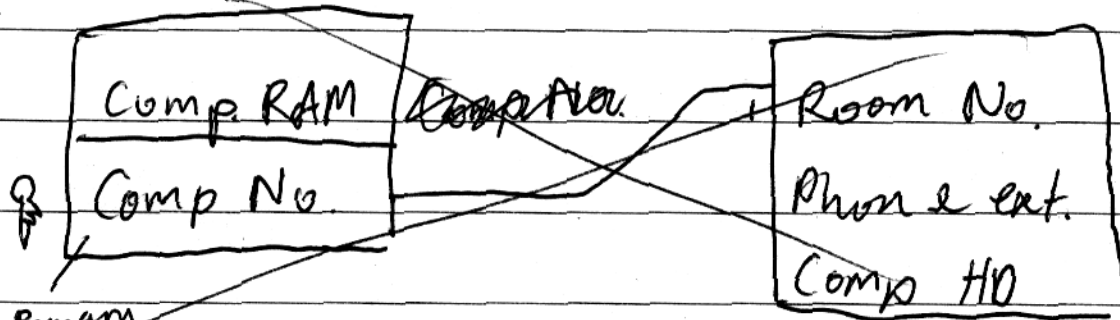
b. Location can be eliminated by using the room number as they offer the same type of information. The problems this may cause is that larger storage space is required to hold the extra redundant data and that there is a potential risk that location & room number may be entered differently and create confusion when information is being searched.

When this DB is increased in size, there is greater storage req'd & a higher
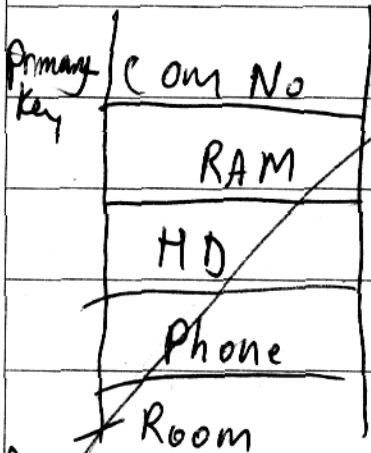
risk in on data integrity

c.

Comp. RAM | Computer | Room No.
Comp No. | | Phone ext.
 | | Comp HD

Primary
Key

A   B   C   D   ← read
                              this

Primary | Com No
Key
          RAM
          HD
         Phone
        Room

Secondary
Key

c