Question 21

(a) The role of a file server on a network is that the computer with this role has to manage or the files and be prepared for retrieval and entering of files.

(b) the data redundancy identified in Mr Ferraro's database is in the Reception. This location of computers hold a small quantity of RAM (64) and this is a problem if the database is going to increase in size because these two computers 001 and 002 may not be able to handle it and these are problely the most frequent used computers in the network with information always being ~~able~~ frequently entered.

(c)

| Computer Number | Room Number | LOCATION | Computer Ram | Computer haddisk | phone extension |
|---|---|---|---|---|---|
| 001 | 9023 | Reception | 6f | 6 | 3227 |
| 002 | 9023 | Reception | 04 | 10 | 3227 |
| 003 | 9115 | managers office | 128 | 8 | 1859 |
| 004 | 9115 | Managers office | 96 | 8 | 1859 |
| 005 | 9153 | store room | 256 | 40 | 8016 |

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