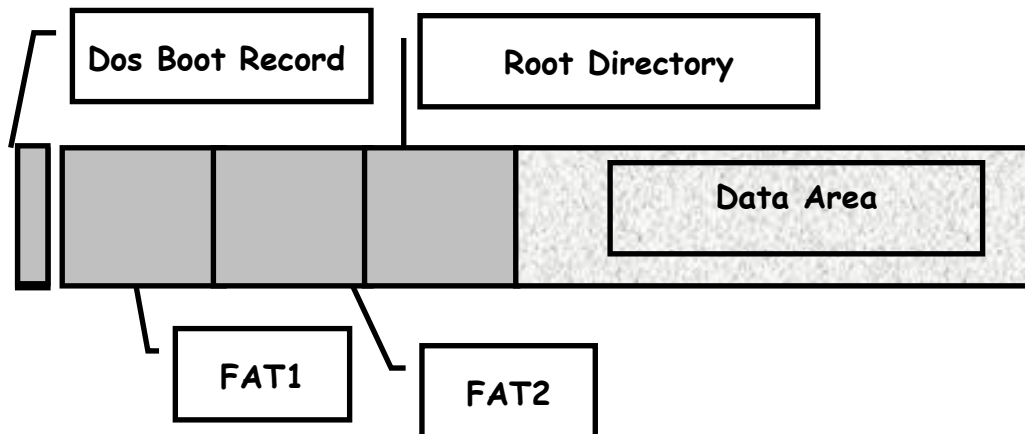


**Mock Exam – Pilot Seen Examination for Weeks 1 - 6**

1. (a) The following figure shows the main parts of **FAT12/FAT16 filesystem**; what is the role of **FAT1**; what information can be found in the **DOS Boot Record**; what is the role of the **Root Directory**; and give an example how file slack could occur.

[10]



- (b) Briefly describe what happens when deleting a file in **FAT filesystems**; and what it means for digital forensics investigators?

[9]

- (c) Explain how can you validate the integrity of the digital forensic image files and give an example of using a digital forensics tool?

[6]