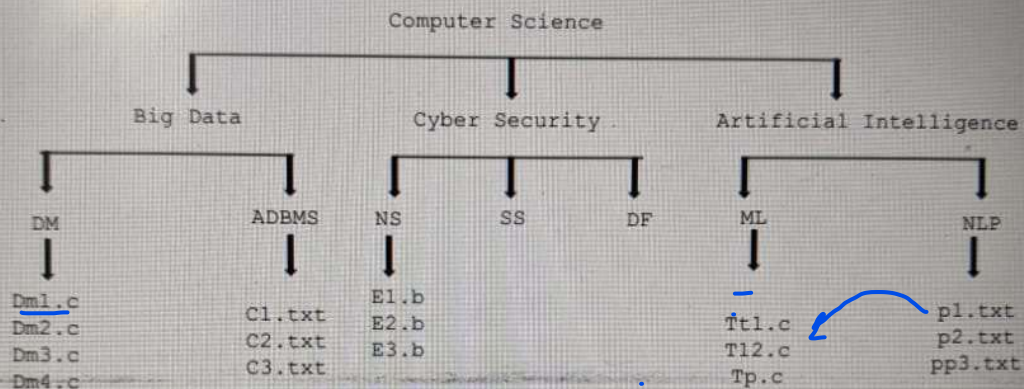# Operating System(CS301)
Assignment 1

1. Create the directory and files for the following structure and write single Unix command for each given instruction:

```
                                Computer Science

        Big Data              Cyber Security          Artificial Intelligence

    DM          ADBMS      NS      SS      DF      ML              NLP

  Dm1.c                   E1.b                              p1.txt
  Dm2.c       C1.txt      E2.b                    Tt1.c     p2.txt
  Dm3.c       C2.txt      E3.b                    T12.c     pp3.txt
  Dm4.c       C3.txt                              Tp.c
```

1. Display the entire structure.
2. Assume that you are in Computer Science directory. Write a command to copy Dm1.c of DM directory to ML directory.
3. Assume that you are in ADBMS directory. Write a command to copy file E1.b from NS to SS .
4. Assume that you are in NLP directory. Copy all files of NLP directory, having 3 characters filename, to ML directory.
5. Assume that you are in Computer Science directory. Copy all files of Big data directory having first character "c" in name to SS directory.
6. Change the name of file Tt1.c of to ml1.c.
7. Rename E1.b to E1.c.
8. Delete file having second char. p of NLP directory.
9. You are in DM. Directory, display the current directory path.
10. Remove ADBMS directory
11. Display current date and time.
12. Change the permissions of file p2.txt to different modes possible
13. You are in root directory, display the all filename of ML directory.
14. Clear all the screen on which u work.