

# CSE321: OPERATING SYSTEM LAB ASSIGNMENT 01

#### **SUBMITTED BY**

NAME: MAHIR AHMED NILOY ID: 19101114 SEC: 04

#### **SUBMITTED TO**

TAWSIF SHAHARIAR DIPTO Lecturer, BRAC University

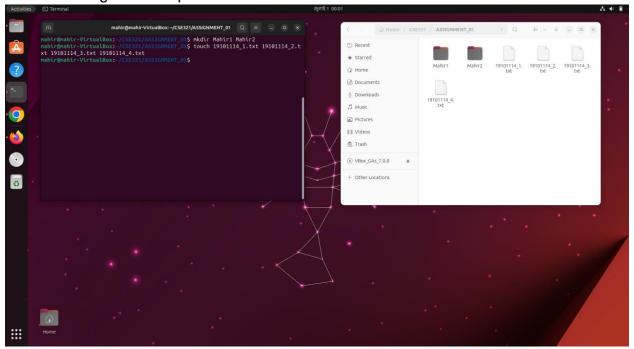
AVINANDAN BANERJEE Lecturer, BRAC University

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### ANSWER TO THE QUESTION NUMBER: 01 (a)

In the beginning of the assignment, I have used virtual box to use ubuntu. In the linux terminal i have used some lines of codes in order to complete the tasks. Codes along with the screenshots are attached and discuss below:

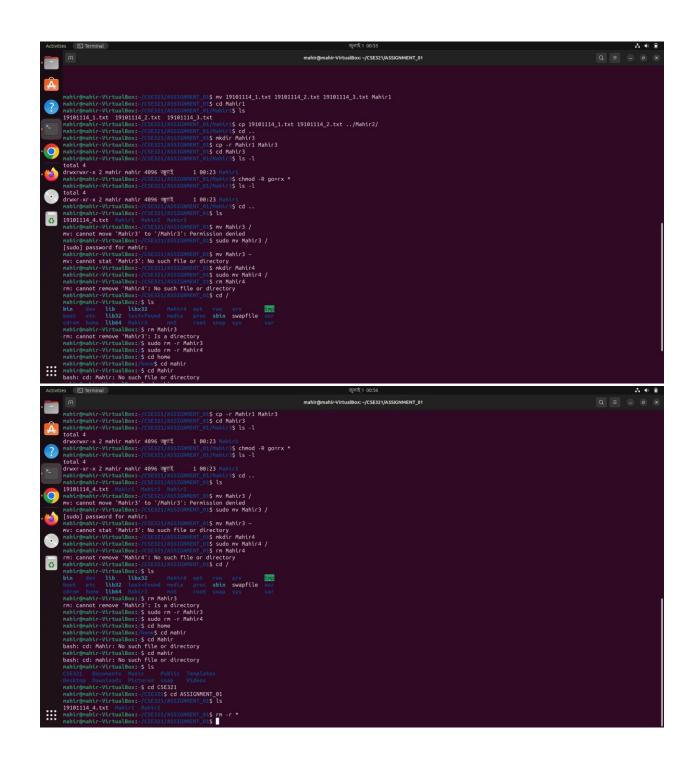
- 1. By using pwd I have checked my present/current working directory.
- 2. Then I have created CSE321 and on that folder I have created ASSIGNMENT\_01 as a subdirectory. I us cd in order to change directory. ASSIGNMENT\_01 is the working directory in order to execute all the assignment 01 tasks.
- 3. Starting with the gues at first i created 4 text files and 2 directories.



- 4. Then i have completed the whole tasks. Delaited commands and screenshots are attached below:
  - a. mkdir Mahir1 Mahir2
  - b. touch 19101114\_1.txt 19101114\_2.txt 19101114\_3.txt 19101114\_4.txt
  - c. mv 19101114\_1.txt 19101114\_2.txt 19101114\_3.txt Mahir1: by using this command I have moved 3 text files to the Mahir1 directory.
  - d. cd Mahir1: changed directory to Mahir1
  - **e. cp 19101114\_1.txt 19101114\_2.txt ../Mahir2/** : copy 2 files to Mahir2 directory
  - f. cd .. : return to the previous directory
  - g. mkdir Mahir3

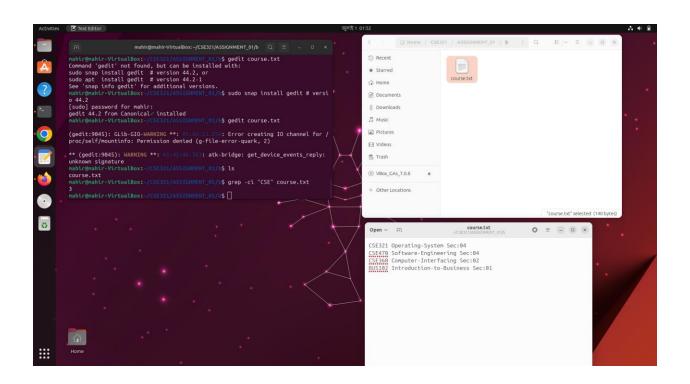
- h. cp -r Mahir1 Mahir3: copying Mahir1 directory to Mahir3 (including all files)
- i. cd Mahir3 to change directory and then Is -I to print all files' permissions.
- j. Chmod -R go=rx \*: changing the permissions for both groups and others to only read-execute for all the files.
- k. Is: printing all the files
- **I.** sudo mv Mahir3 /: move the Mahir3 directory to the root.
- m. rm -r \*: delete all the files

#### 5. Screenshots:



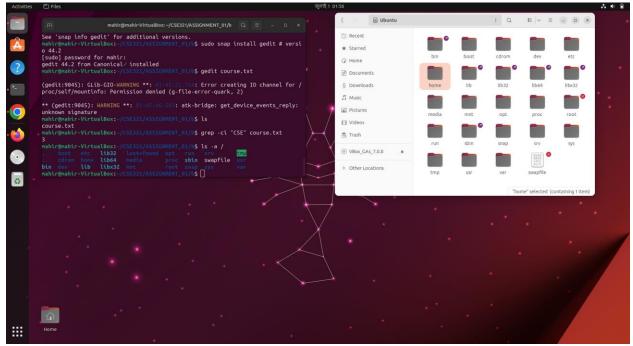
#### **ANSWER TO THE QUESTION NUMBER: 01**

- 1. touch course.txt: create a text file and after creating it i have inserted course names, ids and sections.
- **2. Grep -ci "CSE" course.txt :** to calculate the lines containing "CSE". '-ci' was used to resolve the case sensitive issue.



(c)

1. Is -a /: print all the files including hidden files in the root directory "/".



## ANSWER TO THE QUESTION NUMBER: 01 (d)

### awk 'NR>=5 && NR<=17' example.txt

