

**Assignment – 2 (20 marks)****Note: Input to the program through command line argument only**

Roll no range (???)	Login ids
001 – 015, 041 – 050, 071 – 080, 101 – 110, 131 - 140	ssh -X BT18CSE???@10.18.10.201
016 – 030, 051 – 060, 081 – 090, 111 – 120, 141 – 151	ssh -X BT18CSE???@10.18.10.216
031 – 040, 061 – 070, 091 – 100, 121 – 130	ssh -X BT18CSE???@10.18.10.224

**Deadline of completion : 14<sup>th</sup> Nov 2019, midnight.**

-Dont share your login password with anyone. Your responsible for the content of your logins.

-after successfull login and after completing your task, you need to properly logout using “**exit**” command **twice or thrice**, otherwise your executed commands will not be saved at server.

- Moreover, you can login to the above servers from any place within the campus with VNIT LAN.

- where were *last3digitofyourrollno* is given that has to be replaced with the appropriate 3 numeric. e.g. For student with roll no BT18CSE011, the *last3digitofyourrollno* is 011.**Sequence of Steps to be executed are:**1. Write a **single** bash script program which does the following task in sequence at once:

- creates a folder by name ASSIGN2\_*last3digitofyourrollno*
- create two empty bash files (.sh files) inside ASSIGN2\_*last3digitofyourrollno* folder with names PRG1\_*last3digitofyourrollno*.sh and PRG2.sh
- delete the file PRG2.sh
- create one student.txt file and add the following 4 lines into the file,

**Rollnos** batch marks password

BT18CSE500 R1 30 pwd1

BT18CSE400 R2 40 pwd2

BT18CSE*last3digitofyourrollno* R4 20 pwd32. Write a bash script program with name as PRG2\_*last3digitofyourrollno*.sh in ASSIGN2\_*last3digitofyourrollno* folder, which takes two command line inputs - a rollno and a filename. Then it displays the corresponding details of that rollno present in the given file.e.g. \$./PRG2 001 BT18CSE500 student.txt (**enter**)**should output as** "R1 30 pwd1"3. Write a bash script program with name as PRG3\_*last3digitofyourrollno*.sh in ASSIGN2\_*last3digitofyourrollno* folder, which takes command line two inputs - a filename and a numeric value 'x'. Then output all the **Rollnos** whose marks are more than 'x'.e.g. \$./PRG3\_*last3digitofyourrollno*.sh student.txt 29 (**enter**)**should output as**

BT18CSE500

BT18CSE400

4. Write a bash script program with name as PRG4\_*last3digitofyourrollno*.sh which takes 5 command line inputs and store it in an array in the program. Then print all the array element in sequence whose array element length is greater than 4.e.g. \$./PRG4\_*last3digitofyourrollno*.sh student text 30 ab xyzws (**enter**)**should output as**

student

xyzws