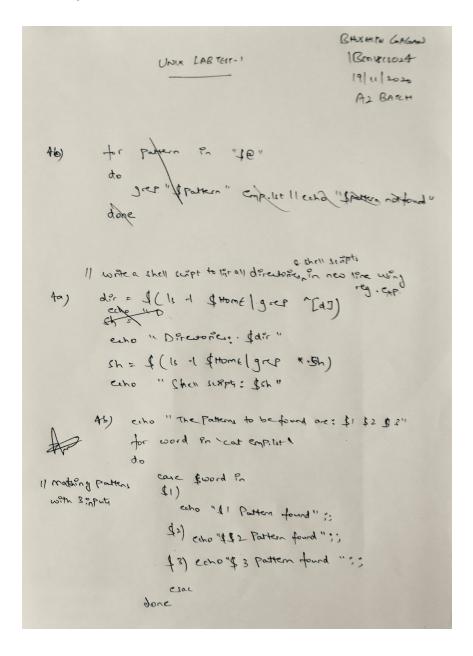
USP Lab Test - 1

Name: Bhushith Gagan USN: 1BM18CS024 Date: 19/11/2020

Batch: A2

- 4a) Write a shell script to List all the directories in new line and Shell Script files in the home Directory in new line using proper regular expression command.
- 4b. Write a shell script to accept three command Line parameters and perform pattern matching for each of the parameter to the file emp.lst using for loop. (emp.lst fields:ID,name, dob,salary,designation)

Write Up:



Program:

```
4a)
```

done

Outputs:

4a)

```
Directories:drwxr-xr-x 15 nbvenkatesh88 staff 480 Nov 18 13:13 AndroidStudioProjects drwx----- 3 nbvenkatesh88 staff 96 Jul 30 2018 Applications drwx-----@ 3 nbvenkatesh88 staff 96 Jul 30 2018 Applications (Parallels)
                                                                                              96 Jul 30 2018 Applications (Parallels)
128 Aug 31 22:18 Creative Cloud Files
1824 Nov 19 14:33 Desktop
drwxrwxr-x@ 4 nbvenkatesh88
drwx-----+ 57 nbvenkatesh88
drwx-----+ 6 nbvenkatesh88
                                                                            staff
                                                                            staff
                                                                                                 192 Aug 30 14:44 Documents
                                                                             staff
 drwx----+ 158 nbvenkatesh88
                                                                                              5056 Nov
                                                                                                                   17 17:30 Downloads
                                                                             staff

        drwx-----+
        158
        nbvenkatesh88

        drwx--------
        92
        nbvenkatesh88

        drwx------+
        13
        nbvenkatesh88

        drwxr-xr-x
        10
        nbvenkatesh88

        drwxr-xr-x+
        5
        nbvenkatesh88

        drwxr-xr-x
        3
        nbvenkatesh88

        drwxr-xr-x
        3
        nbvenkatesh88

        drwxr-xr-x
        2
        nbvenkatesh88

        drwxr-xr-x
        2
        nbvenkatesh88

        drwxr-xr-x
        10
        nbvenkatesh88

        drwxr-xr-x
        9
        nbvenkatesh88

                                                                                              2944 Sep 30 23:12 Library
416 Jul 25 16:42 Movies
352 Jul 25 16:42 Music
                                                                             staff
                                                                             staff
                                                                                                320 Nov 6 13:52 PacketTracer7
576 Jul 25 16:42 Pictures
                                                                            staff
                                                                            staff
                                                                                                160 Oct 4
96 Apr 14
                                                                                                                            2016 Public
2017 Tenorshare
                                                                            staff
                                                                            staff
                                                                                                                              2020 VirtualBox VMs
2019 ds_bgwork
                                                                            staff
                                                                                                   96 Jan
                                                                                                   64 Aug 20
                                                                            staff
                                                                                                                             2019 java_bgwork
2019 java_bgwork
2019 my-app
2019 node_modules
2020 pipwin
                                                                            staff
                                                                                              3072 Nov 29
                                                                            staff
                                                                                                320 Oct
                                                                                                 288 Nov 24
drwxr-xr-x
                                 9 nbvenkatesh88
                                                                            staff
                                   3 nbvenkatesh88
                                                                                                   96 Jan 18
                                                                            staff
drwxr-xr-x
                                                                                                288 Sep 16 2018 tensorflow
                                   9 nbvenkatesh88
                                                                            staff
drwxr-xr-x
Shell scripts:
 (base) Bhushith-Gagan:Unis-Lab-Test-1 nbvenkatesh88$
```

4b)

```
(base) Bhushith-Gagan:Unis-Lab-Test-1 nbvenkatesh88$ sh test2.sh the patterns to be found are: (base) Bhushith-Gagan:Unis-Lab-Test-1 nbvenkatesh88$ sh test2.sh BG GM DGM the patterns to be found are: BG GM DGM
BG pattern found
GM pattern found
DGM pattern found
(base) Bhushith-Gagan:Unis-Lab-Test-1 nbvenkatesh88$ cat emp.lst
220| BG | 12/08/20 | 30000 | GM
221| Ken | 13/09/20 | 4000 | DGM
222| Arjun | 1/09/20 | 4000 | peon
```