

ASSIGNMENT 6

Assignment 6: Display All the Directory Names

Description: This script displays all directory names in a specified folder.

Script:

```
#!/bin/sh

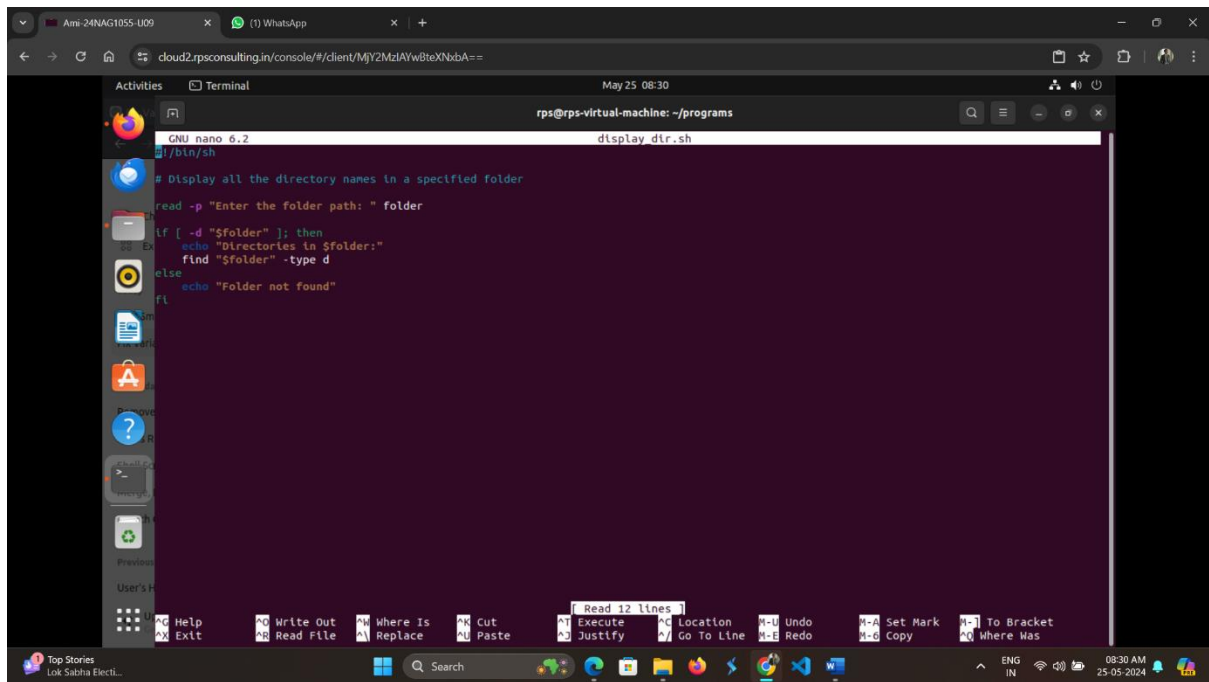
# Display all the directory names in a specified folder

read -p "Enter the folder path: " folder

if [ -d "$folder" ]; then
    echo "Directories in $folder:"
    find "$folder" -type d
else
    echo "Folder not found"
fi
```

Sample Output:

```
Enter the folder path: /home/rps/programs
Directories in /home/rps/programs:
/home/rps/programs
/home/rps/programs dir1
/home/rps/programs dir2
```



The screenshot shows a terminal window titled "rps@rps-virtual-machine: ~/programs" with a timestamp of May 25 08:30. The terminal is running the nano 6.2 editor to create a file named "display_dir.sh". The script content is as follows:

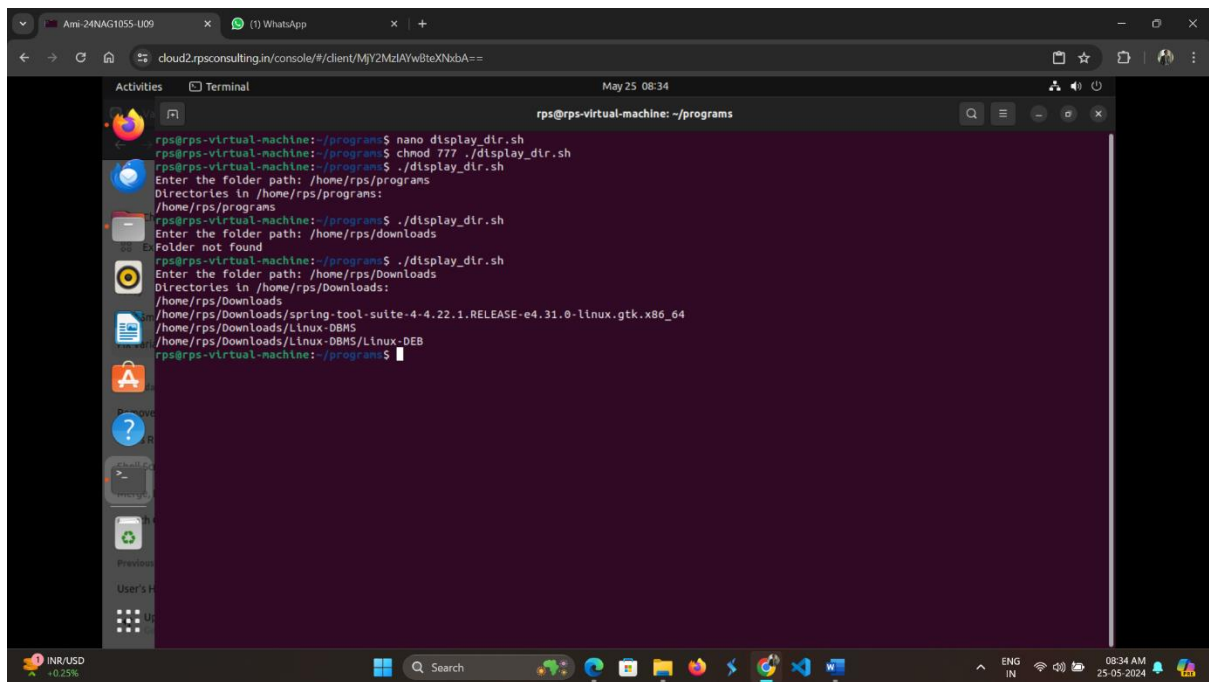
```
#!/bin/sh

# Display all the directory names in a specified folder

read -p "Enter the folder path: " folder

if [ -d "$folder" ]; then
    echo "Directories in $folder:"
    find "$folder" -type d
else
    echo "Folder not found"
fi
```

The terminal window includes a sidebar with application icons and a bottom status bar showing system information like "Top Stories", "Lok Sabha Electi...", and the date "25-05-2024".



The screenshot shows the same terminal window after the script has been executed multiple times. The terminal history shows the following commands and outputs:

```
rps@rps-virtual-machine:~/programs$ nano display_dir.sh
rps@rps-virtual-machine:~/programs$ chmod 777 ./display_dir.sh
rps@rps-virtual-machine:~/programs$ ./display_dir.sh
Enter the folder path: /home/rps/programs
Directories in /home/rps/programs:
/home/rps/programs
rps@rps-virtual-machine:~/programs$ ./display_dir.sh
Enter the folder path: /home/rps/downloads
Folder not found
rps@rps-virtual-machine:~/programs$ ./display_dir.sh
Enter the folder path: /home/rps/Downloads
Directories in /home/rps/Downloads:
/home/rps/Downloads
/home/rps/Downloads/spring-tool-suite-4-4.22.1.RELEASE-e4.31.0-linux.gtk.x86_64
/home/rps/Downloads/Linux-DBMS
/home/rps/Downloads/Linux-DBMS/Linux-DEB
rps@rps-virtual-machine:~/programs$
```

The terminal window also shows the system status bar at the bottom with the date "25-05-2024" and time "08:34 AM".