Assignment 6

display all the directory names.

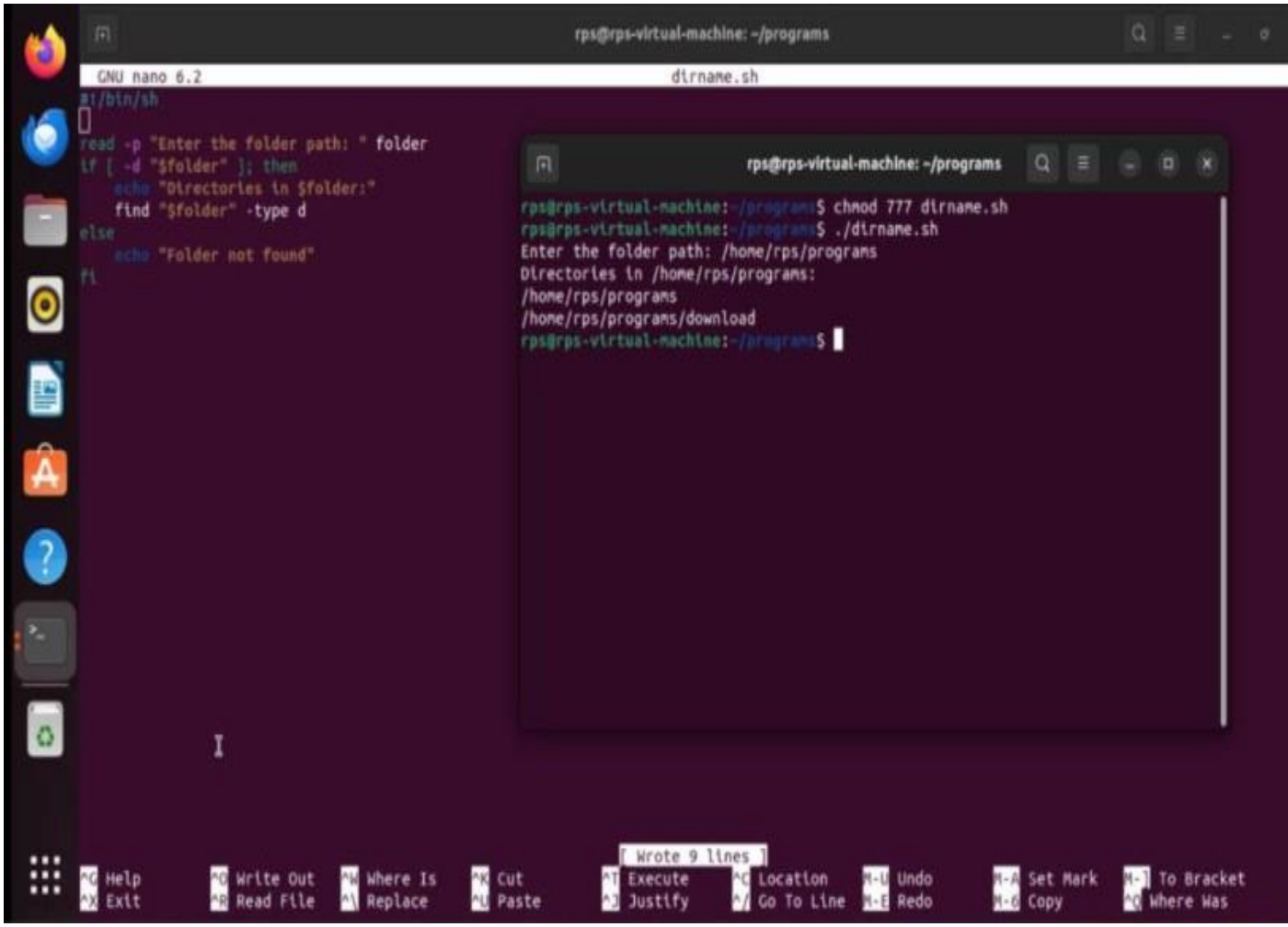
```
#!/bin/bash
LOCATION="$1"

if [ "$#" -lt 1 ]; then
    echo "Usage: ./list_directories.sh <directory>"
    exit 0
fi

for dir in "$LOCATION"/*/; do
    # Remove the trailing slash and any path components
    dirname=$(basename "$dir")
    echo "$dirname"
done
```

Output:

```
Enter the folder path: /home/rps/program
```


rps@rps-virtual-machine: ~/programs
GNU nano 6.2
dirname.sh
#!/bin/sh
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
rps@rps-virtual-machine: ~/programs
rps@rps-virtual-machine:~/programs$ chmod 777 dirname.sh
rps@rps-virtual-machine:~/programs$ ./dirname.sh
Enter the folder path: /home/rps/programs
Directories in /home/rps/programs:
/home/rps/programs
/home/rps/programs/download
rps@rps-virtual-machine:~/programs$
[Wrote 9 lines]
^G Help
^X Exit
^O Write Out
^R Read File
^W Where Is
^\ Replace
^K Cut
^U Paste
^T Execute
^J Justify
^C Location
^/ Go To Line
M-U Undo
M-E Redo
M-A Set Mark
M-6 Copy
M-] To Bracket
^Q Where Was