

File Edit Selection View Go Run Terminal Help

q3.sh start.sh x q4.sh q5.sh q2.sh

Ubuntu > home > devesh > cdac > start.sh

```
1  #!/usr/bin/bash
2  function start()
3  {
4      echo "Application Started"
5  }
6  function stop()
7  {
8      echo "Application Stop"
9  }
10 function restart()
11 {
12     echo "Application Restart"
13 }
14
15 if [ $# -eq 1 ]
16 then
17     choice=$1
18     case $choice in
19         "start")
20             start
21             ;;
22         "stop")
23             stop
24             ;;
25         "restart")
26             restart
27             ;;
28         *)
29             echo "Enter valid option"
30         esac
31     else
32         echo "Please provide the start/stop operation in command line"
```

Ln 17, Col 9 Spaces: 2 UTF-8 LF Shell Script

28°C Haze Search

00:18 21-04-2023

```
devesh@Dev:~/cdac$ ./start.sh start
Application Started
devesh@Dev:~/cdac$ ./start.sh stop
Application Stop
devesh@Dev:~/cdac$
```

File Edit Selection View Go Run Terminal Helpq2.sh - Visual Studio Code

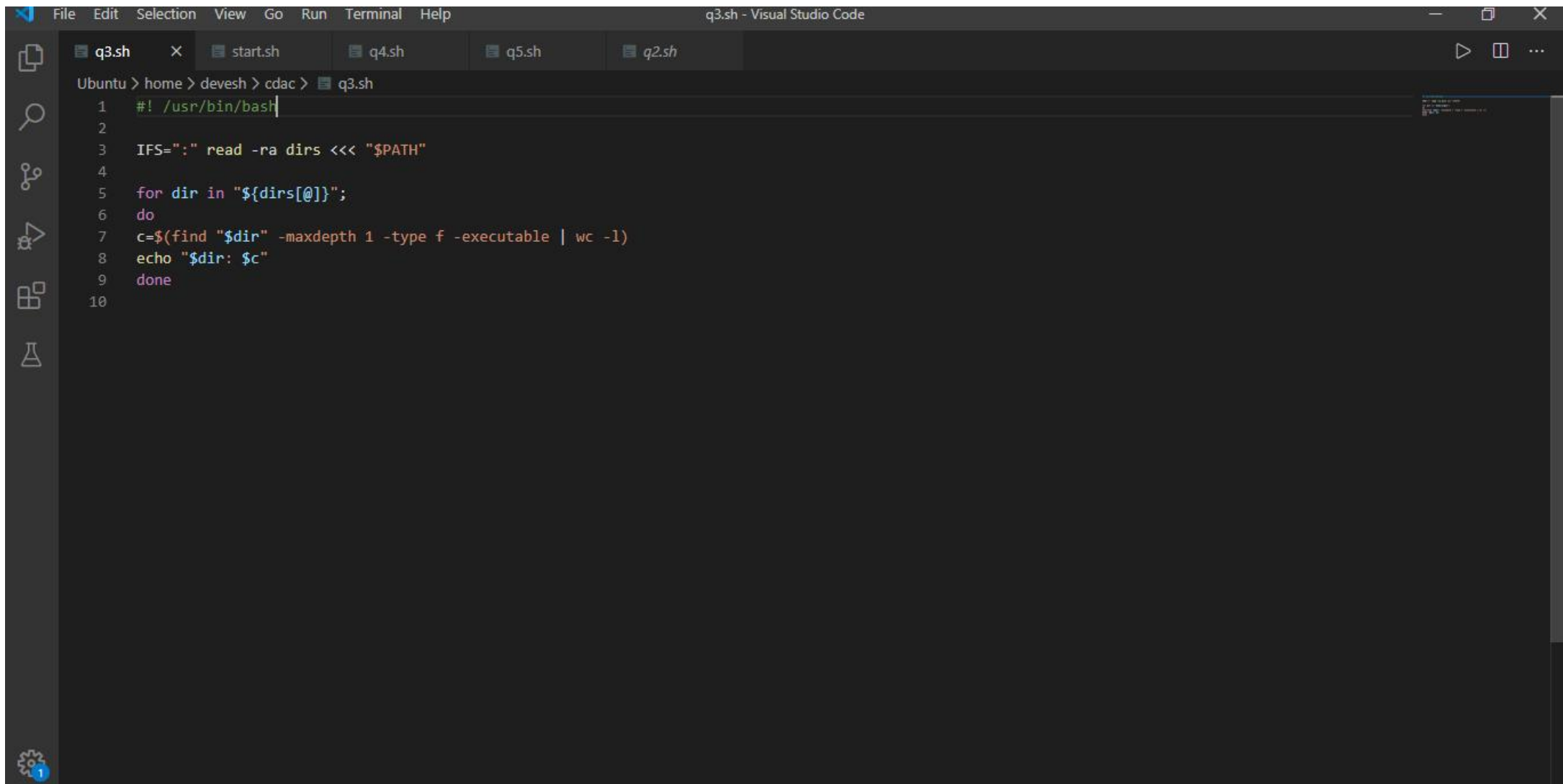
q3.shstart.shq4.shq5.shq2.sh

Ubuntu > home > devesh > cdac > q2.sh

```
1
2
3  #!/bin/bash
4
5  function file {
6      local c=$(ls -1 | wc -l)
7      echo "The current directory contains $c files."
8  }
9
10 file
11
```

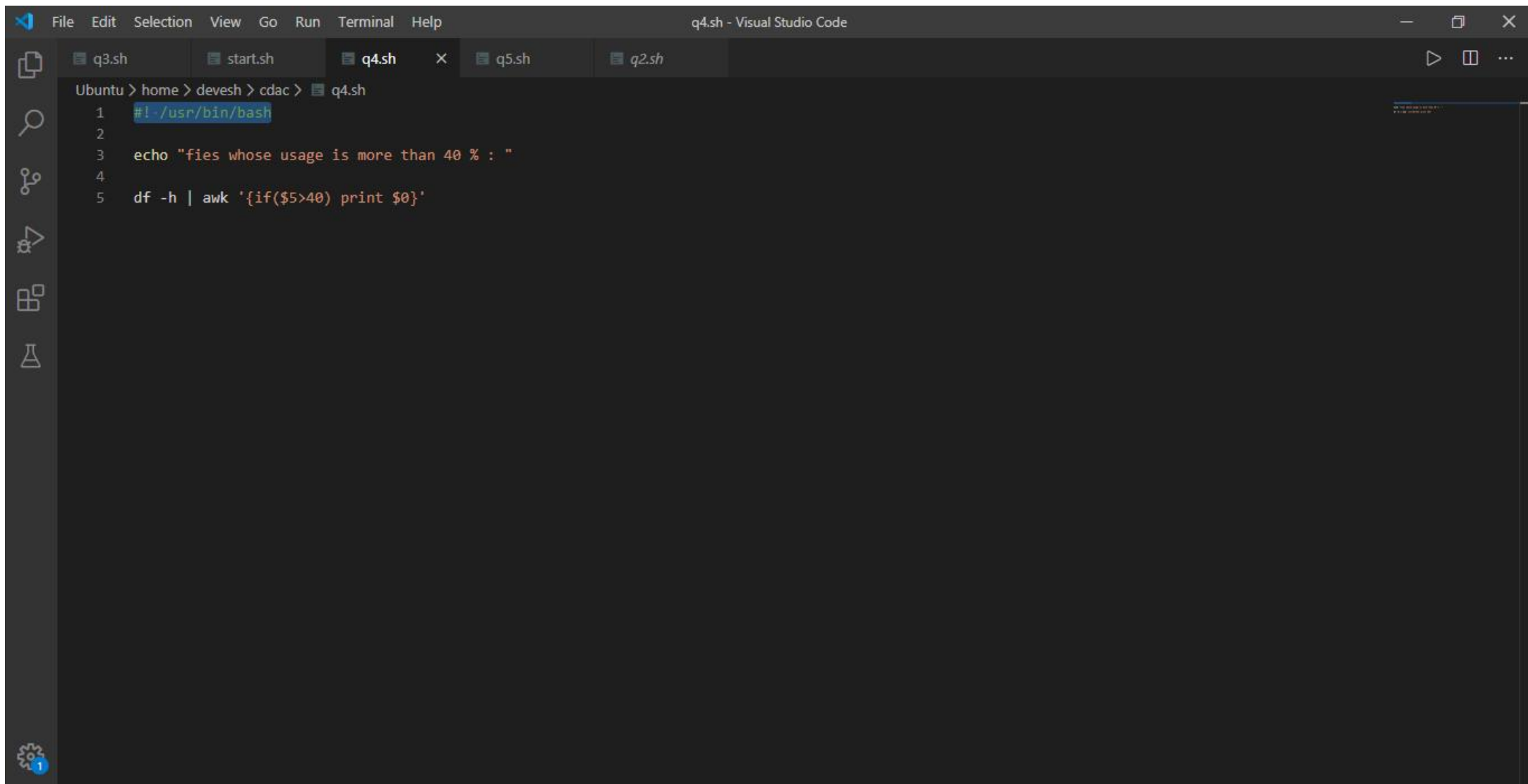
0 0 0Ln 11, Col 1Spaces: 2UTF-8LFShell Script

```
devesh@Dev: ~/cdac
devesh@Dev:~/cdac$ ./q2.sh
The current directory contains 31 files.
devesh@Dev:~/cdac$ ./q3.sh
/usr/local/sbin: 0
/usr/local/bin: 0
/usr/sbin: 186
/usr/bin: 660
/sbin: 0
/bin: 0
/usr/games: 1
/usr/local/games: 0
/usr/lib/wsl/lib: 3
/mnt/c/Program Files/Common Files/Oracle/Java/javapath: 0
/mnt/c/oraclexe/app/oracle/product/11.2.0/server/bin: 395
/mnt/c/WINDOWS/system32: 4560
/mnt/c/WINDOWS: 35
/mnt/c/WINDOWS/System32/Wbem: 376
/mnt/c/WINDOWS/System32/WindowsPowerShell/v1.0/: 21
/mnt/c/WINDOWS/System32/OpenSSH/: 7
/mnt/c/TDM-GCC-32/bin: 52
/mnt/c/Program Files (x86)/Microsoft VS Code/bin: 2
find: '/mnt/c/Users/Lenovo/Desktop/java/bin': No such file or directory
/mnt/c/Users/Lenovo/Desktop/java/bin: 0
find: '/mnt/c/Program Files/Java/javapath_target_858486625': No such file or directory
/mnt/c/Program Files/Java/javapath_target_858486625: 0
/mnt/f/Git/cmd: 7
/mnt/f/Git/mingw64/bin: 140
/mnt/f/Git/usr/bin: 396
/mnt/c/Program Files/MySQL/MySQL Shell 8.0/bin/: 8
/mnt/c/Users/Lenovo/AppData/Local/Microsoft/WindowsApps: 24
/snap/bin: 0
devesh@Dev:~/cdac$
```



The image shows a Visual Studio Code editor window with the title bar "q3.sh - Visual Studio Code". The menu bar includes "File", "Edit", "Selection", "View", "Go", "Run", "Terminal", and "Help". The Explorer sidebar on the left shows a file tree with "q3.sh" selected. The Editor area displays the content of "q3.sh", which is a shell script. The script starts with a shebang line and contains a loop that iterates over directories in the PATH, using find to count the number of executable files in each directory. The status bar at the bottom left shows a gear icon and the number "1".

```
q3.sh
1  #!/usr/bin/bash
2
3  IFS=":" read -ra dirs <<< "$PATH"
4
5  for dir in "${dirs[@]};
6  do
7  c=$(find "$dir" -maxdepth 1 -type f -executable | wc -l)
8  echo "$dir: $c"
9  done
10
```



devesh@Dev: ~/cdac

```
devesh@Dev:~/cdac$ ./q4.sh
```

```
fies whose usage is more than 40 % :
```

Filesystem	Size	Used	Avail	Use%	Mounted on
none	151G	67G	84G	45%	/usr/lib/wsl/drivers
drvfs	151G	67G	84G	45%	/mnt/c

```
devesh@Dev:~/cdac$
```

```
q5.sh - Visual Studio Code

File Edit Selection View Go Run Terminal Help

q3.sh start.sh q4.sh q5.sh q2.sh

Ubuntu > home > devesh > cdac > q5.sh
1
2 #!/usr/bin/bash
3 if [ $# -ne 0 ]
4 then
5 directories=$@
6 for directory in $directories
7 do
8 echo -e "\n Showing content of $directory : \n"
9 ls -l $directory
10 done
11 else
12 echo "Please provide the directory name "
13 fi
```



devesh@Dev: ~/cdac

```
devesh@Dev:~/cdac$ ./q5.sh
```

Please provide the directory name

```
devesh@Dev:~/cdac$ ./q5.sh cdac
```

Showing content of cdac :

total 0

```
-rw-r--r-- 1 devesh devesh 0 Apr 20 23:37 dev1.txt
```

```
-rw-r--r-- 1 devesh devesh 0 Apr 20 23:37 dev2.txt
```

```
devesh@Dev:~/cdac$ |
```