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UNIX SSH IN

Example 1:

```
student@labdesktop:~$ ssh student@192.168.17.201
The authenticity of host '192.168.17.201 (192.168.17.201)' can't be established.
ECDSA key fingerprint is SHA256:djMJiAcGs6nr5UP9XCMhVhzFkD+6duag7Jp2G5LbjPU.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.17.201' (ECDSA) to the list of known hosts.
student@192.168.17.201's password:
Welcome to Ubuntu 20.04.4 LTS (GNU/Linux 5.11.0-38-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

559 updates can be applied immediately.
458 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

New release '22.04.3 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Your Hardware Enablement Stack (HWE) is supported until April 2025.
Last login: Wed Mar 20 15:14:21 2024 from 172.50.10.70
(base) student@a1-HP-ProDesk-600-G4-MT:~$ cd Desktop
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop$ cd 422167
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/422167$ cd unix
-bash: cd: unix: No such file or directory
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/422167$ cd Unix
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/422167/Unix$ ls
awk_out.txt  awk.sh  file1.txt  sed.sh
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/422167/Unix$ chmod +x sed.sh
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/422167/Unix$ ./sed.sh >> sed_output.txt
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/422167/Unix$ ls
awk_out.txt  awk.sh  file1.txt  sed_output.txt  sed.sh
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/422167/Unix$ ./awk.sh >> awk_output1.txt
awk: cmd. line:1: (FILENAME=file1.txt FNR=1) fatal: printf: no arguments
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/422167/Unix$ ls
awk_output1.txt  awk_out.txt  awk.sh  file1.txt  sed_output1.txt  sed_output.txt  sed.sh
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/422167/Unix$ chmod +x echo.sh
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/422167/Unix$ ./echo.sh
HELLO !!!
```

```
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/422167/Unix$ cd
(base) student@a1-HP-ProDesk-600-G4-MT:~$ cd Desktop
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop$ ls
422113  422167  a.out  BitStuffingServer.java  CheckSum.java  network  SegFault.c  stuff.class  wee.py
422134  622126.py  BitStuffingClient.java  CheckSum.class  MST.cpp  question1.html  SPT.cpp  stuff.java
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop$ cd 422113
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/422113$ ls
a.out  fact_gdb.c
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/422113$ ./a.out
Enter a positive number : 3
Factorial of 3 = 1
Factorial of 3 = 2
Factorial of 3 = 6
(base) student@a1-HP-ProDesk-600-G4-MT:~/Desktop/422113$
```

Example 2:

```
student@prodesk:~$ ssh student@172.50.11.84
The authenticity of host '172.50.11.84 (172.50.11.84)' can't be established.
ECDSA key fingerprint is SHA256:5CvgpeSNBBizIjqVjyWg9KwONyCoEABo4NIZf+qOMpo.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '172.50.11.84' (ECDSA) to the list of known hosts.
student@172.50.11.84's password:
Welcome to Ubuntu 20.04.4 LTS (GNU/Linux 5.8.0-59-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

559 updates can be applied immediately.
461 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

New release '22.04.3 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Your Hardware Enablement Stack (HWE) is supported until April 2025.
Last login: Wed Mar 20 15:14:57 2024 from 172.50.10.170
student@ai-HP-ProDesk-600-G4-MT:~$ cd Desktop
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cd 422134
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422134$ ls
a.out  fact2.c  fact3.c  fact.c  factorial.sh  fibonacci.sh  fibonacci.sh.sh  second.sh  squares.sh  'Untitled Document 1'
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422134$ ./second.sh
./second.sh: line 17: syntax error near unexpected token `fi'
./second.sh: line 17: `fi'
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422134$ ./a.out
Segmentation fault (core dumped)
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422134$ ./squares.sh
enter the number:5
the sum of squares of 5 is: 55
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422134$ ./factorial.sh
enter the value of n:5
the factorial of 5 is:120
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422134$ ./fibonacci.sh
enter the value of n:6
the fibonacci series is:
011235
```