

Assignment 5

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Using SSH command execute the three programs on two different machines.

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Activities Terminal Apr 3 14:17 student@ai-HP-ProDesk-600-G4-MT: ~
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422152unix$ hostname -I
172.50.10.246
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422152unix$ ssh@student172.50.10.182
ssh@student172.50.10.182: command not found
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422152unix$ ssh student@172.50.10.182
The authenticity of host '172.50.10.182 (172.50.10.182)' can't be established.
ECDSA key fingerprint is SHA256:VOgReXghl/TDwL0b9LggtCe5JN7dTyWofDB2h6U16Gc.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '172.50.10.182' (ECDSA) to the list of known hosts.
student@172.50.10.182's password:
Welcome to Ubuntu 20.04.6 LTS (GNU/Linux 5.15.0-84-generic x86_64)

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

1 device has a firmware upgrade available.
Run 'fwupdmgtr get-upgrades' for more information.

Expanded Security Maintenance for Applications is not enabled.

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

15 additional security updates can be applied with ESM Apps.
Learn more about enabling ESM Apps service at https://ubuntu.com/esm

Your Hardware Enablement Stack (HWE) is supported until April 2025.
Last login: Wed Mar 20 15:31:09 2024 from 172.50.10.138
student@ai-HP-ProDesk-600-G4-MT:~$ ls
0      cd      Gene2.class      Main.class      QA1.html      TEJA521133.py
1      change  Gene.class       meghana.pl     QA2.html      tejasurya521133.py
1.a68  change2  Gen.java        merge.hs       QA3.html      teja.txt
1.hi   change2.c  grand          minor.c       question7.py  Templates
1.hs   change.c  grandchild     mmap1.c       question8.py  ten
1.o    child    h              mmap2.c       queue.java    ter
1.sh   client   hadoop         mmap3.c       r             tes
2a.sml client1.ipynb heap          mmap.c        rahul         tes.c
2b.sml client.c    hello        m.sml         r.c          test
2.cpp  desktop  hello1        Music         readerandwriter.c test1
2.o    Desktop  hello.c       mylists.py    readerwriter.c test1.c
35_shell.c DFS.py     hello.cpp     na            recur.py     test2.c
3a     Documents hello.exe     name          rr           test.c
3a.hi  dot      hellofork    name.c        rr.c         test.class
```

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Activities Terminal Apr 3 14:19 student@ai-HP-ProDesk-600-G4-MT: ~/Desktop/422152unix

420247 e hlw operations.txt Sb.java tri.txt
422126_unix ec.c 'how jobs pending in that queue.' optimal.c server Tsegay
422154unix eclipse i os1.c server1.ipynb two.l
521127.py eclipse-workspace 'infix to postfix.py' out_numbers.txt sh two.y
521133.py endofanera.txt in.l pavi Untitled1.ipynb
521141.py endtext1 inner.txt pavi.c shell1.sh Untitled2.ipynb
521151.py endtext2 insert pavi.txt shell2.sh Untitled3.ipynb
5.c evenorodd insert.c signals.c Untitled4.ipynb
5.o evenorodd.c insertoin.py sjf.c Untitled5.ipynb
60 exe '[[Int]]' sm1 Untitled6.ipynb
9212348.c exit intdoub sm1.c Untitled7.ipynb
9212551.py exit.c intdoub.c sm2.c Untitled8.ipynb
9212557 exp2 integration.txt physics Pictures
9212557_Prem.py external.py inter.txt pipes pipes.psm.py snap
9222207.py f in.txt 'postfix evaluation.py' some some1.c some.c sort.c vc.py
a fcfs in.y j kashik.txt ki pro1.py ssss.py stack.py vishnu2.py
aabb fifo j krkl.py k.py producerandconsumer.c str.py vishnu3.py
ab fifo.c ki krskal.py l Landa.java pthread_1.c t t521133.py vishnu4.py
a.c Fifo.c k l Lex.yy.c pthread_count.c tar t.b wait.c
akasrsh.txt fifo.c k l Lex.yy.c pthread_count.c tcp_client.c yash.py
a.l fooo fork1.c k l Lex.yy.c pthread_count.c TCPClient.c y.tab.c
a.out fork1.c k l Lex.yy.c pthread_count.c TCPserver.c y.tab.h
a.py fork.c k l Lex.yy.c pthread_test.c te.c
asc.py fork.c k l Lex.yy.c pthread_test.c te.c
avl.c forknum.c k l Lex.yy.c pthread_test.c te.c
awk forks.c k l Lex.yy.c pthread_test.c te.c
BinaryTree.py forks.c k l Lex.yy.c pthread_test.c te.c
b.l forks.c k l Lex.yy.c pthread_test.c te.c
b.py Func.class k l Lex.yy.c pthread_test.c te.c
b.y g k l Lex.yy.c pthread_test.c te.c
b.yacc g.c k l Lex.yy.c pthread_test.c te.c
calci.java Gen.c k l Lex.yy.c pthread_test.c te.c
ccc.c Gen.class k l Lex.yy.c pthread_test.c te.c

student@ai-HP-ProDesk-600-G4-MT:~$ gcc -o hello hello.c
student@ai-HP-ProDesk-600-G4-MT:~$ ./hello
hello world!!!!student@ai-HP-ProDesk-600-G4-MT:~$ gcc -o sum sum.c
student@ai-HP-ProDesk-600-G4-MT:~$ ./sum
Enter first number: 23
Enter second number: 34
Sum: 57
student@ai-HP-ProDesk-600-G4-MT:~$ exit
logout
Connection to 172.50.10.182 closed.
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422152unix$
```