

Unix assignment 5

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Section : A

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

The screenshot shows a terminal window with the following content:

```
student@da-HP-ProDesk-600-G4-MT: ~  
student@da-HP-ProDesk-600-G4-MT:~$ ssh student@172.50.13.246  
student@172.50.13.246's password:  
Welcome to Ubuntu 20.04.5 LTS (GNU/Linux 5.15.0-46-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.  
  
443 updates can be applied immediately.  
373 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: Mon Apr  1 09:46:35 2024 from 172.50.12.122  
student@da-HP-ProDesk-600-G4-MT:~$ gcc -o hello hello.c  
student@da-HP-ProDesk-600-G4-MT:~$ ./hello  
hello world!!  
student@da-HP-ProDesk-600-G4-MT:~$ gcc -o sum sum.c  
student@da-HP-ProDesk-600-G4-MT:~$ ./sum  
enter first number: 12  
enter second number: 34  
sum: 46  
student@da-HP-ProDesk-600-G4-MT:~$ ls  
'!'          bit_stuffing.class      FIF01.c          labTask          ok.class          'rohith sai.py'  
10.c         bit_stuffing.java      fifo2            LambdaDemo.class  otp.o             rplc.c  
12344        bj.class               fifo.c           LambdaDemo.java   out              Server.ipynb  
1.c          bk.c                   FIFO.c           LambdaExpression.class  outarr           server.py  
1.sh         BlockLambdaDemo        file             LambdaExpression.java  outarr.c         shm2.c  
1.txt        BlockLambdaDemo.class  file_1           lamda.java        paq              singlylist.py  
234.java    BlockLambdaDemo.java   filename.js      leftlist.c        Pictures          snap  
2.c          Book.class             file.save        lib_calc.a        position         StackEmpty.class  
2.txt        Book.java              file.save.1      lib_fib.c         postfixevaluation.py  StackEmpty.java  
3.sh         bst1.py                Firefox_wallpaper.png  lib_otp.c         postfixtoinfix.py   Stack.java  
3.txt        bst.py                 fly.py           lib_prime.c        prefixevaluation.py  strcmp.c  
422252      calc.h                 func.h           linkedlist.c       postfixtoinfix.py  
5211421.py  check_sum.c            fwerg.py  
5211421.py  calc.h                 fwerg.py
```

```
Activities Terminal Apr 1 09:57 student@da-HP-ProDesk-600-G4-MT: ~

student@da-HP-ProDesk-600-G4-MT:~$ ./sum
enter first number: 12
enter second number: 34
sum: 46
student@da-HP-ProDesk-600-G4-MT:~$ ls
'!' 10.c 12344 1.c 1.sh 1.txt 234.java 2.c 2.txt 3.sh 3.txt 422252 521142i.py 521142j.py 521142.py 521142r.py 521142s.py 521215bfs2.py 521215(BST).py' 521215dfs.2 521215(DFS).py' 521215.TREES 522207.0403 522207.0403.01 522207.0403.1 522207.0403.2 522207.py 522222(sepchain).py' 5v.py a1234 Addable.class AddElements.java a.out ArrayList.java assignment2 Astar.py binarytree.py bit_stuffing.class bit_stuffing.java bj.class bk.c BlockLambdaDemo BlockLambdaDemo.class BlockLambdaDemo.java Book.class Book.java bst1.py bst.py calc.h check_sum.c 'class main.java' classmain.java client1.py client.ipynb CollectionDemo CollectionDemo.class CollectionDemo.java 'currency converter.java' dek.py Demojoin.class Demojoin.java Desktop dksj.c dks.py dis.py Documents Downloads eclipse eclipse-workspace exam fibanocci.c fib.o fifo1 fifo1.c FIFO1.c fifo2 fifo.c FIFO.c file file_1 filename.js file.save file.save.1 Firefox_wallpaper.png fly.py func.h fverg.py 'gf7jkl.py' harsh.c Hashtablebook.java Hashtable.java hello hello.c hello.sh hp.c hum.class hum.java i.c infixtopostfix.py infixtoprefix.py jkl.py jl.py j.py kite.class kite.java kkk.c kmin.c ks.c ksort.c la Lab LabTask LambdaDemo.class LambdaDemo.java LambdaExpression.class LambdaExpression.java lamda.java leftlist.c lib_calc.a lib_fib.c lib_fib.c lib_otp.c lib_prime.c lib_prime.o linkedlist.c loop.c mahesh_tree.py main main2 main2.c main2.o main3 main3.c main3.o main.c main.o main.o nj.class mnb.py MouseEventsDemo.java msgque2.c msgque.c MultiThreadDemo.class Music MyNumber.class NewThread.class nothing now.py NumericFunc.class 'odd even' ok.class otp.o out outarr outarr.c paq Pictures posi position postfixevaluation.py postfixtoinfix.py postfixtoprefix.py prefixevaluation.py prefixtoinfix.py prime_factors.sh.save prioque.py PriorityQueue.java program1.py program.c Public __pycache__ python.3 py.wsd Q2.c qap quart.py q.py quadration.c queueimple.py queuelab.py quick.c quicks.c R ra.c radix.c radixx.c reservation.java 'rohith sai.py' rplc.c Server.ipynb server.py shm2.c shm.c singlylist.py snap StackEmpty.class StackEmpty.java Stack.java story strcmp.c sum sum.c sylubes t1.cpp temp Templates terminalcommands test1.html TestCollection12.java test.html threads.class threads.java thr.py u.class U.class u.java 'Untitled Document 1' vheck_sum.c Videos wt4rr.c wt.c ygft6hyhy.py yum.class
student@da-HP-ProDesk-600-G4-MT:~$
```

```
Activities Terminal Apr 1 09:57 student@da-HP-ProDesk-600-G4-MT: ~

student@da-HP-ProDesk-600-G4-MT:~$ exit
logout
Connection to 172.50.13.246 closed.
student@da-HP-ProDesk-600-G4-MT:~$ hostname -I
172.50.12.122
student@da-HP-ProDesk-600-G4-MT:~$
```