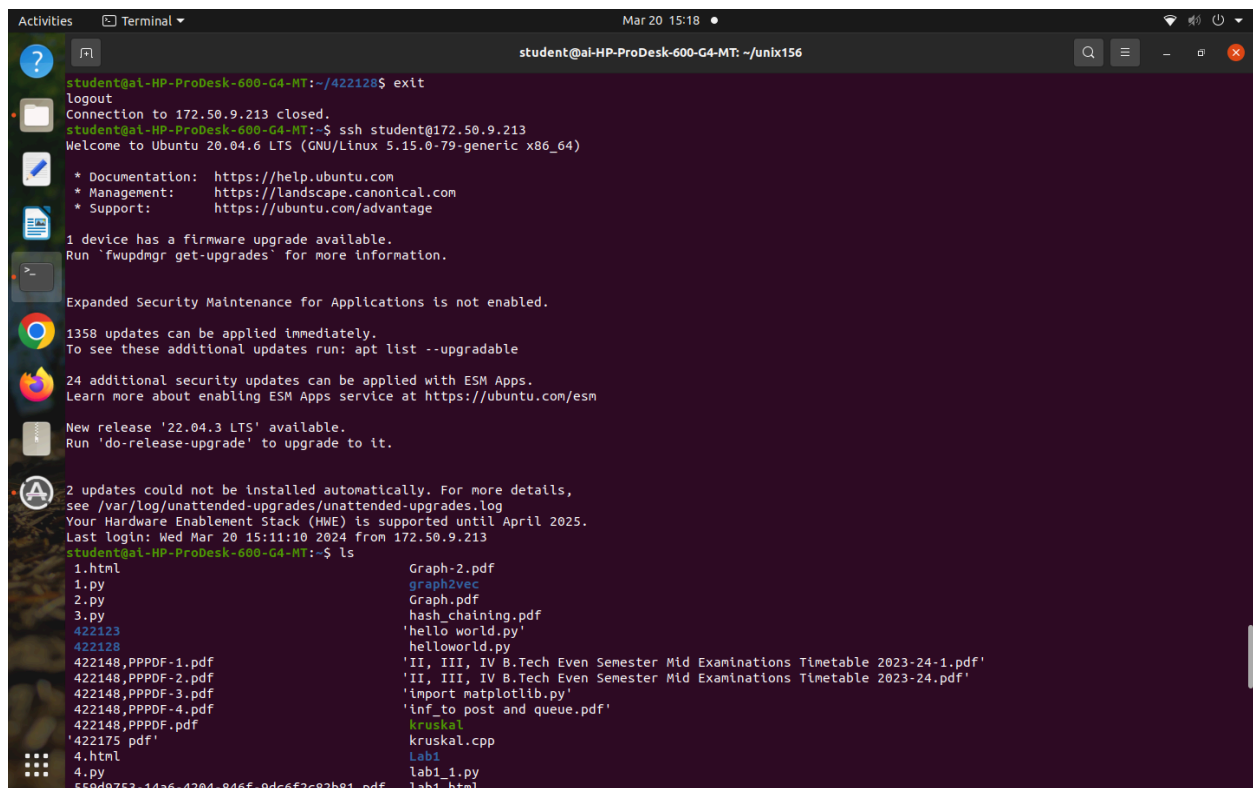


Name : J.Ramya

ROLL NO. : 422160

## Assignment 05:

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



```
student@ai-HP-ProDesk-600-G4-MT: ~/unix156
student@ai-HP-ProDesk-600-G4-MT:~$ exit
logout
Connection to 172.50.9.213 closed.
student@ai-HP-ProDesk-600-G4-MT:~$ ssh student@172.50.9.213
Welcome to Ubuntu 20.04.6 LTS (GNU/Linux 5.15.0-79-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 'fwupdgr get-upgrades' for more information.

Expanded Security Maintenance for Applications is not enabled.

1358 updates can be applied immediately.
To see these additional updates run: apt list --upgradable

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

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

2 updates could not be installed automatically. For more details,
see /var/log/unattended-upgrades/unattended-upgrades.log
Your Hardware Enablement Stack (HWE) is supported until April 2025.
Last login: Wed Mar 20 15:11:10 2024 from 172.50.9.213
student@ai-HP-ProDesk-600-G4-MT:~$ ls
1.html          Graph-2.pdf
1.py            graph2vec
2.py            Graph.pdf
3.py            hash_chaining.pdf
422123          'hello world.py'
422128          helloworld.py
422148,PPPDF-1.pdf  'II, III, IV B.Tech Even Semester Mid Examinations Timetable 2023-24-1.pdf'
422148,PPPDF-2.pdf  'II, III, IV B.Tech Even Semester Mid Examinations Timetable 2023-24.pdf'
422148,PPPDF-3.pdf  'import matplotlib.pyplot'
422148,PPPDF-4.pdf  'inf_to post and queue.pdf'
422148,PPPDF.pdf    kruskal
422175.pdf        kruskal.cpp
4.html          Lab1
4.py            Lab1
559d9753-14a6-4204-846f-9dc6f2c82b81.pdf  lab1_1.py
lab1.html
```

```
Activities Terminal Mar 20 15:18 student@ai-HP-ProDesk-600-G4-MT: ~/unix156
student@ai-HP-ProDesk-600-G4-MT:~$ ls
1.html Graph-2.pdf
1.py graph2vec
2.py Graph.pdf
3.py hash_chaining.pdf
422123 'hello world.py'
422128 helloworld.py
422148,PPPDF-1.pdf 'II, III, IV B.Tech Even Semester Mid Examinations Timetable 2023-24-1.pdf'
422148,PPPDF-2.pdf 'II, III, IV B.Tech Even Semester Mid Examinations Timetable 2023-24-1.pdf'
422148,PPPDF-3.pdf 'import matplotlib.pyplot'
422148,PPPDF-4.pdf 'inf_to post and queue.pdf'
422148,PPPDF.pdf kruskal
'422175.pdf' kruskal.cpp
4.html Lab1
4.py lab1_1.py
559d9753-14a6-4204-846f-9dc6f2c82b81.pdf lab1.html
5.py lab2.html
622125 lab2.js
622161 lab3.html
622212 lb-1.py
6.py 'linear probing(1).py'
7.py 'linear probing(2).py'
8.py 'linear probing(3).py'
9.py 'linear probing.py'
am03.py main.c
am.07 messageclient.c
amit.01 messageserver.c
a.out MSTAndSPT$Pair.class
arp_client.java MSTAndSPT.class
arp_server.java MSTAndSPT.java
'Assignment 2.pdf' myflfo
BFS-1.pdf networklab.1.odt
BFS-2.pdf networklab.odt
BFS.pdf NTU60_CV.npz.zip
Bitstuffing.class NTU60_CV.sVqTEWtX.npz.zip.part
Bitstuffing.java num
'BST operations.pdf' 'PL SQL Practicals-1.pdf'
capiatl 'PL SQL Practicals-2.pdf'
checksum.c 'PL SQL Practicals.pdf'
'circular queue& single linkedlist.pdf' prime.c
cn1.odt 'quadratic probing(1).py'
CN_228 'quadratic probing(2).py'
DFS-1.pdf 'quadratic probing(3).py'
DFS.pdf 'quadratic probing.py'
dfssssss.py 'queue and linked list.pdf'
'Dijkstra's.pdf' sample.py
'Dijkstra's.pdf' sample.py
```

```
Activities Terminal Mar 20 15:18 student@ai-HP-ProDesk-600-G4-MT: ~/unix156
am.07 messageclient.c
amit.01 messageserver.c
a.out 'MSTAndSPT$Pair.class'
arp_client.java MSTAndSPT.class
arp_server.java MSTAndSPT.class
'Assignment 2.pdf' MSTAndSPT.java
BFS-1.pdf myflfo
BFS-2.pdf networklab.1.odt
BFS.pdf networklab.odt
Bitstuffing.class NTU60_CV.npz.zip
Bitstuffing.java NTU60_CV.sVqTEWtX.npz.zip.part
'BST operations.pdf' num
capiatl 'PL SQL Practicals-1.pdf'
checksum.c 'PL SQL Practicals-2.pdf'
'circular queue& single linkedlist.pdf' 'PL SQL Practicals.pdf'
cn1.odt prime.c
CN_228 'quadratic probing(1).py'
DFS-1.pdf 'quadratic probing(2).py'
DFS.pdf 'quadratic probing(3).py'
dfssssss.py 'quadratic probing.py'
'Dijkstra's.pdf' 'queue and linked list.pdf'
'Dijkstra's.pdf' sample.py
DisjointSet.class 'Screenshot from 2024-02-14 14-30-46.png'
doom-ascii Screenshots
'double Hashing(1).py' sharedmemoryclient.c
'double Hashing(2).py' sharedmemoryserver.c
'double Hashing.py' snap
'DSA ASSIGNMENT-1(622118)-1.pdf' 'spanning tree (prims & kruskls)-1.pdf'
'DSA ASSIGNMENT-1(622118).pdf' 'spanning tree (prims & kruskls).pdf'
dvr.c Stack.pdf
Edge.class state
fibonacci.c 'Today lab task(12-03-24).pdf'
FIFOCLIENT.C tree.py.pdf
FIFOSEVER.C unix156
'Floyd warshall.pdf' unixlab
functions.h x_train_graph2vec
Graph-1.pdf
student@ai-HP-ProDesk-600-G4-MT:~$ cd /home/student/unix156
student@ai-HP-ProDesk-600-G4-MT:~/unix156$ gcc mul.c
student@ai-HP-ProDesk-600-G4-MT:~/unix156$ ./a.out
Enter the number of elements: 5
Enter number 1: 2
Enter number 2: 6
Enter number 3: 3
Enter number 4: 8
Enter number 5: 0
Product of 5 numbers is: 0.00
```

```
Activities Terminal Mar 20 15:19 student@ai-HP-ProDesk-600-G4-MT: ~/unix156

Bltstuffing.java num
'BST operations.pdf' 'PL SQL Practicals-1.pdf'
captial 'PL SQL Practicals-2.pdf'
checksum.c 'PL SQL Practicals.pdf'
'circular queue& single linkedlist.pdf' prime.c
cn1.odt 'quadratic probing(1).py'
CN 228 'quadratic probing(2).py'
DFS-1.pdf 'quadratic probing(3).py'
DFS.pdf 'quadratic probing.py'
dfssssss.py 'queue and linked list.pdf'
'Dijkstra's.pdf' sample.py
DisjointSet.class 'Screenshot from 2024-02-14 14-30-46.png'
doom-ascii Screenshots
'double Hashing(1).py' sharedmemoryclient.c
'double Hashing(2).py' sharedmemoryserver.c
'double Hashing.py' snap
'DSA ASSIGNMENT-1(622118)-1.pdf' 'spanning tree (prims & kruskls)-1.pdf'
'DSA ASSIGNMENT-1(622118).pdf' 'spanning tree (prims & kruskls).pdf'
dvr.c Stack.pdf
Edge.class state
fibonaccl.c 'Today lab task(12-03-24).pdf'
FIFOCLIENT.C tree.py.pdf
FIFOSERVER.C unix156
'Floyd warshall.pdf' unixlab
functions.h x_train_graph2vec
Graph-1.pdf

student@ai-HP-ProDesk-600-G4-MT:~$ cd /home/student/unix156
student@ai-HP-ProDesk-600-G4-MT:~/unix156$ gcc mul.c
student@ai-HP-ProDesk-600-G4-MT:~/unix156$ ./a.out
Enter the number of elements: 5
Enter number 1: 2
Enter number 2: 6
Enter number 3: 3
Enter number 4: 8
Enter number 5: 0
Product of 5 numbers is: 0.00
student@ai-HP-ProDesk-600-G4-MT:~/unix156$ gcc fib.c
student@ai-HP-ProDesk-600-G4-MT:~/unix156$ ./a.out
Enter a number to find its Fibonacci: 6
Fibonacci of 6 is: 8
student@ai-HP-ProDesk-600-G4-MT:~/unix156$ gcc rev.c
student@ai-HP-ProDesk-600-G4-MT:~/unix156$ ./a.out
Original list: 1 2 3 4 5
Reversed list: 5 4 3 2 1
student@ai-HP-ProDesk-600-G4-MT:~/unix156$
```