

NAME : C.Sai Charitha

ROLL NO. : 422128

SEC : A

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student@ai-HP-ProDesk-600-G4-MT:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: eno1: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc fq_codel state DOWN group default qlen 1000
    link/ether 10:e7:c6:36:d6:a8 brd ff:ff:ff:ff:ff:ff
    altname enp0s31f6
3: wlp2s0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000
    link/ether fc:01:7c:8e:ec:fd brd ff:ff:ff:ff:ff:ff
    inet 172.50.10.138/20 brd 172.50.15.255 scope global dynamic noprefixroute wlp2s0
        valid_lft 10301sec preferred_lft 10301sec
    inet6 fe80::cf8a:4fc9:5318:2b3c/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
4: docker0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN group default
    link/ether 02:42:29:a7:f2:56 brd ff:ff:ff:ff:ff:ff
    inet 172.17.0.1/16 brd 172.17.255.255 scope global docker0
        valid_lft forever preferred_lft forever
student@ai-HP-ProDesk-600-G4-MT:~$
```

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4: docker0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN group default
    link/ether 02:42:29:a7:f2:56 brd ff:ff:ff:ff:ff:ff
    inet 172.17.0.1/16 brd 172.17.255.255 scope global docker0
        valid_lft forever preferred_lft forever
student@ai-HP-ProDesk-600-G4-MT:~$ ssh student@172.50.13.30
student@172.50.13.30'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.

288 updates can be applied immediately.
244 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

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 15:22:15 2024 from 172.50.10.150
student@ai-HP-ProDesk-600-G4-MT:~$ ls
0          cd          Gene2.class      meghana.pl      QA2.html        tejasurya521133.py
1          change      Gene.class       merge.hs        QA3.html        teja.txt
1.a68     change2      Gen.java        minor.c        question7.py    Templates
1.hi      change2.c   grand          mmap1.c        question8.py    ten
1.hs      change.c    grandchild     mmap2.c        queue.java      ter
1.o       child       hadoop         mmap3.c        r               tes
1.sh      client      heap           mmap.c         rahul           tes.c
2a.sml    client1.tpynb hello          m.sml          r.c            test
2b.sml    client.c    hello1        Music          readerandwriter.c test
2.cpp     desktop    hello.c       mylists.py     readerwriter.c  test1.c
2.o       Desktop     hello.cpp      na             recur.py        test2.c
```

```

student@ai-HP-ProDesk-600-G4-MT:~$ ls
0      cd      Gene2.class      meghana.pl      QA2.html      tejasurya521133.py
1      change   Gene.class      merge.hs      QA3.html      teja.txt
1.a68  change2    Gen.java      minor.c      question7.py  Templates
1.hi   change2.c  grand        mmap1.c      question8.py  ten
1.hs   change.c   grandchild   mmap2.c      queue.java    ter
1.o    child      hadoop       mmap3.c      tes
1.sh   client     heap         mmap.c      tes.c
2a.sml client1.ipynb hello        m.sml      test
2b.sml client.c    hello1      Music       readerandwriter.c test1
2.cpp  desktop   hello.c     mylists.py  readerwriter.c test2.c
2.o    Desktop   hello.cpp   na          recur.py      test.c
35_shell.c DFS.py      hello.exe    name        rr.c          test.class
3a     Documents hellofork    name.c      rw            test.java
3a.ht  dot       hellofork.c hello.txt    s             test.py
3a.hs  doub      hhde.py     new.tar     sa1.txt       text1.txt
3a.o   doub.c    Hi.class    new.tar.gz  saa.py        text2.txt
3b     doubchar  Hti.java    nl          sa1.txt       th
3b.ht  doubchar.c Hi.java     o           sample.c     thread.c
3b.hs  Downloads hijava.class one.py       sample.c     TRAIL
3b.o   Draw.class hijava.java open.c       sa.txt       Tree.java
3.c    Draw.class hj.py       open.c       Sb.class     trigger.txt
3.cpp  drinkers  hlw         operations.txt optional.c    tri.txt
3.o    e         'how jobs pending in that queue.' optimal.c     Tsegay
420247 ec.c      l           os1.c        server1.ipynb two.l
422126_unix eclipse   in.l         out_numbers.txt sh        Untitled1.ipynb
422154unix eclipse-workspace inner.txt    Untitled2.ipynb
521127.py endofanera.txt insert      Untitled3.ipynb
521133.py endtext1    'insert .c' insert.c    Untitled4.ipynb
521141.py endtext2    insert.c    insertoin.py Untitled5.ipynb
5245151.py endtext3    '[[Int]]'  intdoub    Untitled6.ipynb
5.c    evenorodd  intdoub     integration.txt inter.txt   Untitled7.ipynb
5.o    evenorodd.c in.txt      in.y       untitled.txt
60     exe       j           kashik.txt prfiffo.c  user1.ipynb
9212348.c exit      power.c     sort.c     user2.ipynb
9212551.py exp2     pavi.c      some1.c
9212557  external.py in.txt      some.c
9212557_Pren.py f         'postfix evaluation.py'
9222207.py fcfs      j
aabb    fifo     kashik.txt

```

mmap.c:41:12: error: expected declaration or statement at end of input

```
student@ai-HP-ProDesk-600-G4-MT:~$ gcc -o f fifo.c
```

```
student@ai-HP-ProDesk-600-G4-MT:~$ ./f
```

Enter the number of processes: 4

Enter burst time for process 1: 5

Enter arrival time for process 1: 8

Enter burst time for process 2: 3

Enter arrival time for process 2: 2

Enter burst time for process 3: 8

Enter arrival time for process 3: 6

Enter burst time for process 4: 5

Enter arrival time for process 4: 3

FCFS Scheduling:

Process	Burst Time	Waiting Time	Turnaround Time	Response Time
2	3	0	3	0
4	5	3	8	3
3	8	8	16	8
1	5	16	21	16

```
student@ai-HP-ProDesk-600-G4-MT:~$ gcc -o s some.c
```

```
student@ai-HP-ProDesk-600-G4-MT:~$ ./s
```

```
student@ai-HP-ProDesk-600-G4-MT:~$ gcc -o p pavi.c
```

```
student@ai-HP-ProDesk-600-G4-MT:~$ ./p
```

```
pavithrastudent@ai-HP-ProDesk-600-G4-MT:~$ gcc -o i insert.c
```

```
student@ai-HP-ProDesk-600-G4-MT:~$ ./i
```

Segmentation fault (core dumped)

```
student@ai-HP-ProDesk-600-G4-MT:~$ gcc -o h hello.c
```

```
student@ai-HP-ProDesk-600-G4-MT:~$ ./h
```

hello,world!

```
student@ai-HP-ProDesk-600-G4-MT:~$
```

