IT352: Information Assurance and Security
Lab Assignment 2
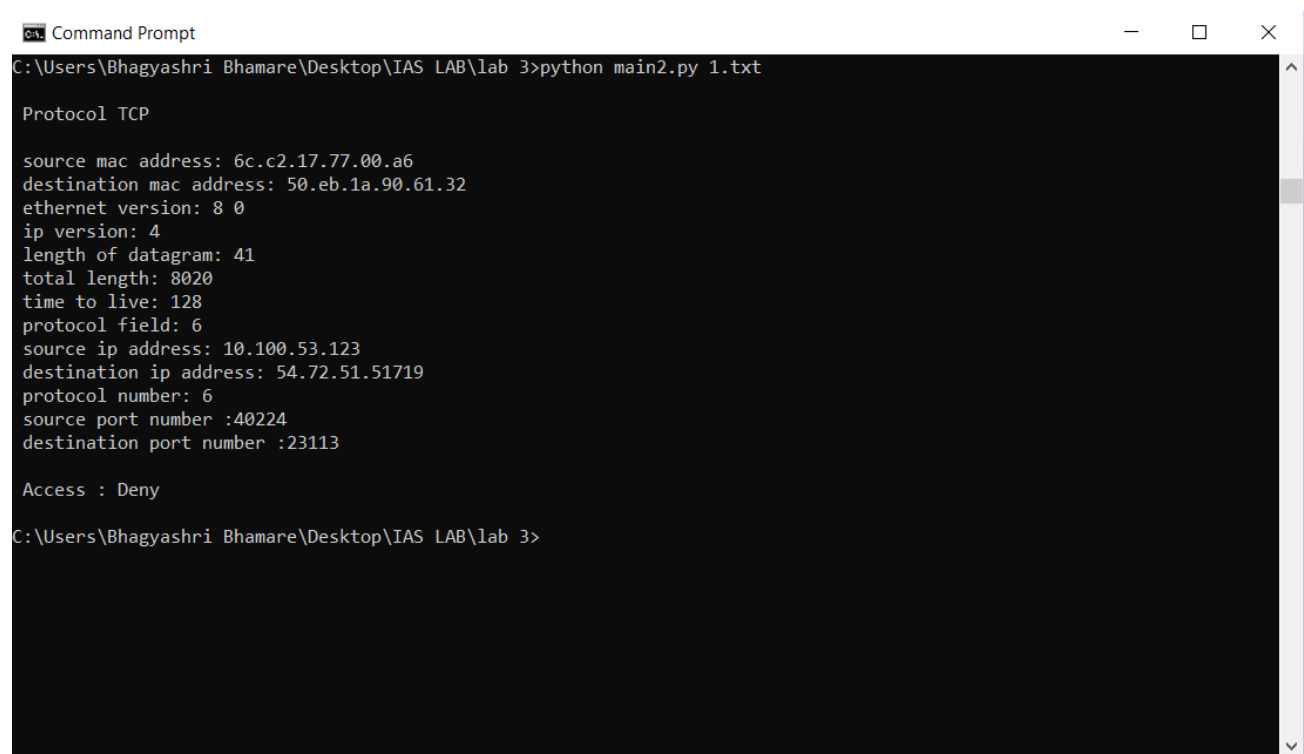
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Roll No.: 181IT111

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1)Output of Test case-1

Testcase1-

50 eb 1a 90 61 32 6c c2 17 77 00 a6 08 00 45 00 00 29 1f 54 40 00 80 06 31 8a 0a 64 35 7b 36 48 33 ca 07 9d 20 5a 49 6c d0 2e 09 c1 e2 98 50 10 00 fb d6 fb 00 00 00

```
Command Prompt                                                    —   □   ×
C:\Users\Bhagyashri Bhamare\Desktop\IAS LAB\lab 3>python main2.py 1.txt

Protocol TCP

source mac address: 6c.c2.17.77.00.a6
destination mac address: 50.eb.1a.90.61.32
ethernet version: 8 0
ip version: 4
length of datagram: 41
total length: 8020
time to live: 128
protocol field: 6
source ip address: 10.100.53.123
destination ip address: 54.72.51.51719
protocol number: 6
source port number :40224
destination port number :23113

Access : Deny

C:\Users\Bhagyashri Bhamare\Desktop\IAS LAB\lab 3>
```
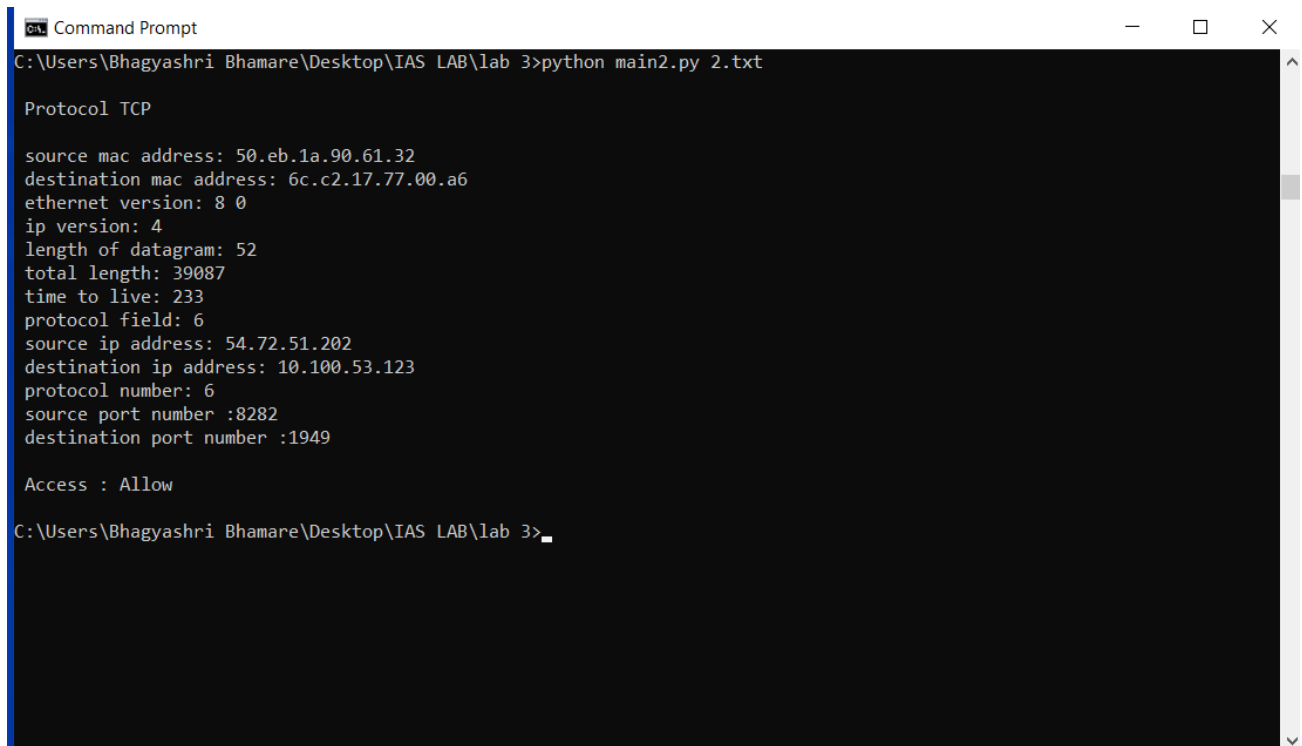
2)Output of Test case-2

Testcase-2

6c c2 17 77 00 a6 50 eb 1a 90 61 32 08 00 45 00 00 34 98 af 40 00 e9 06 4f 23 36 48 33 ca 0a 64 35 7b 20 5a 07 9d 09 c1 e2 98 49 6c d0 2f 80 10 01 a6 6d 02 00 00 01 01 05 0a 49 6c d0 2e 49 6c d0 2f

```
Command Prompt                                                    —    □    ×
C:\Users\Bhagyashri Bhamare\Desktop\IAS LAB\lab 3>python main2.py 2.txt

Protocol TCP

source mac address: 50.eb.1a.90.61.32
destination mac address: 6c.c2.17.77.00.a6
ethernet version: 8 0
ip version: 4
length of datagram: 52
total length: 39087
time to live: 233
protocol field: 6
source ip address: 54.72.51.202
destination ip address: 10.100.53.123
protocol number: 6
source port number :8282
destination port number :1949

Access : Allow

C:\Users\Bhagyashri Bhamare\Desktop\IAS LAB\lab 3>_
```
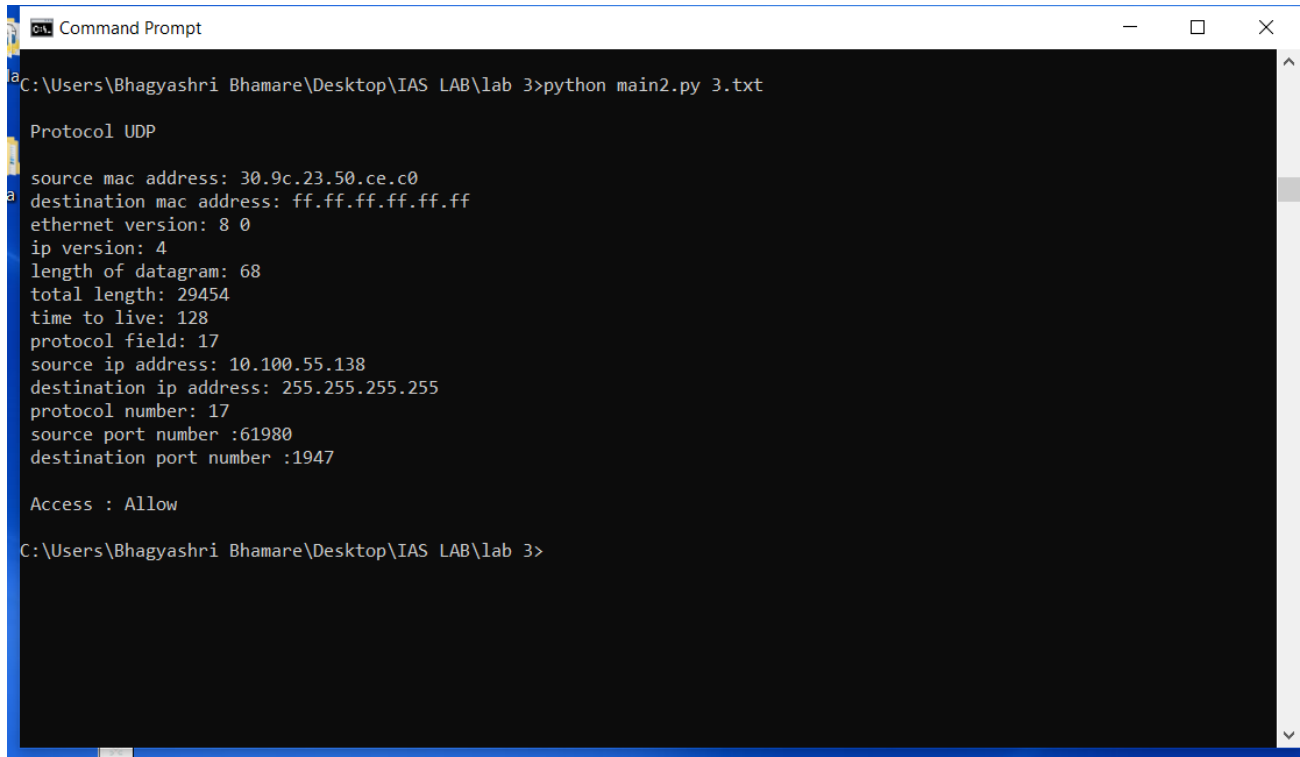
3)Output of Test case-3

Testcase-3

ff ff ff ff ff ff 30 9c 23 50 ce c0 08 00 45 00 00 44 73 0e 00 00 80 11 85 ad 0a 64 37 8a ff ff ff ff f2 1c 07 9b 00 30 de 69 50 6b 70 36 70 74 64 49 37 71 7a 49 4a 46 6b 5533 47 79 61 58 67 75 36 65 51 7a 64 39 54 70 6e 30 43 2f 51 38 34 4d 41

3)Output of Test case-4

Testcase-4

50 eb 1a 90 61 32 6c c2 17 77 00 a6 08 0045 00 00 29 73 0b 40 00 80 06 ac 4d 0a 64 35 7b0d 21 8e 7609 13 01 bb 1c 8d 82 1c 6b 7b 7f e1 50 10 00 fe 3e 8b 00 00

```
Command Prompt                                                              —    □    ×

C:\Users\Bhagyashri Bhamare\Desktop\IAS LAB\lab 3>python main2.py 4.txt

Protocol TCP

source mac address: 6c.c2.17.77.00.a6
destination mac address: 50.eb.1a.90.61.32
ethernet version: 8 0
ip version: 4
length of datagram: 41
total length: 29451
time to live: 128
protocol field: 6
source ip address: 10.100.53.123
destination ip address: 13.33.142.118
protocol number: 6
source port number :2323
destination port number :443

Access : Allow

C:\Users\Bhagyashri Bhamare\Desktop\IAS LAB\lab 3>
```
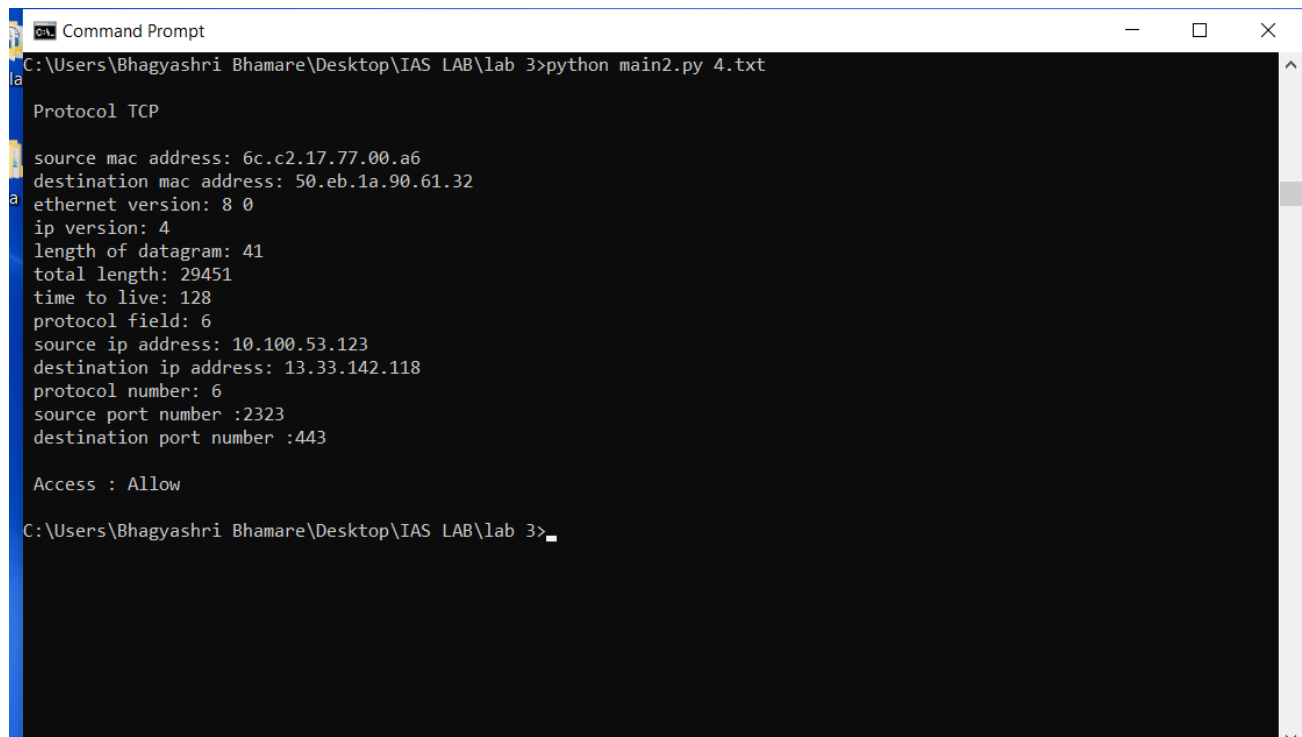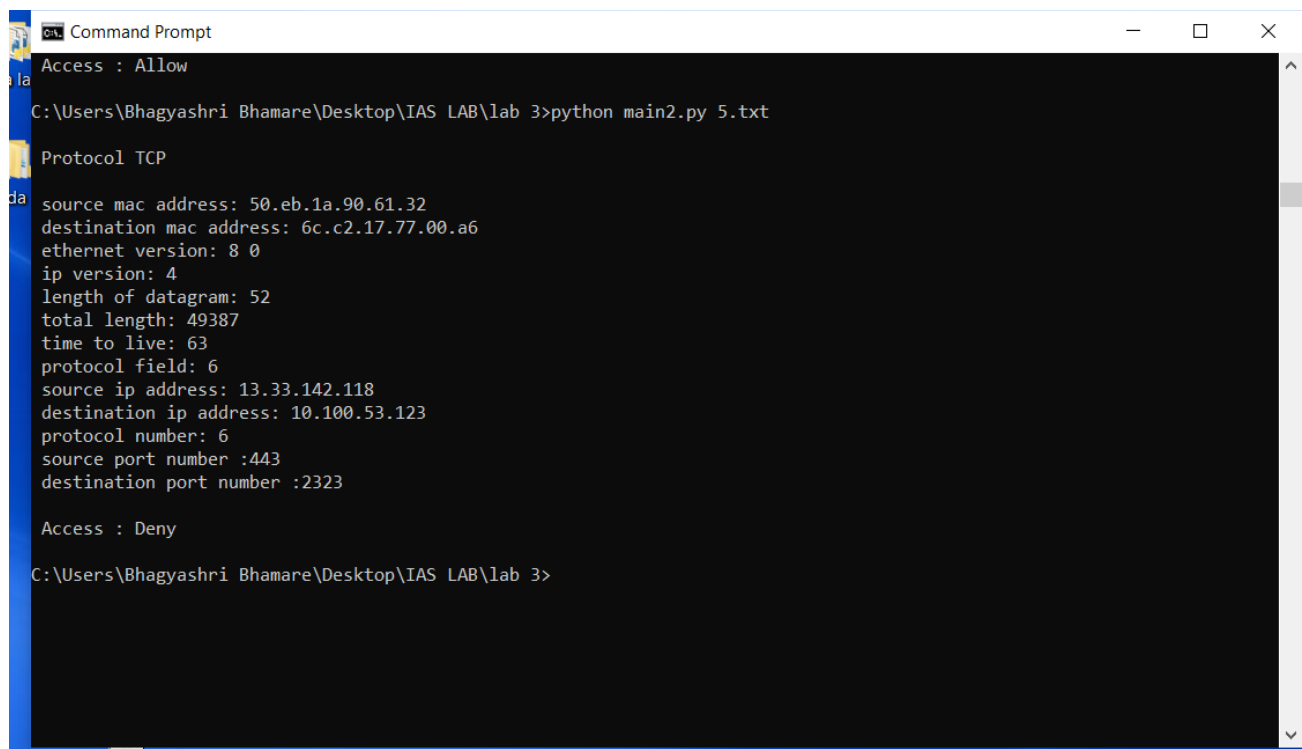
5)Output Test case-5

Testcase-5

6c c2 17 77 00 a6 50 eb 1a 90 61 32 08 0045 00 00 34 c0 eb 40 00 3f 06 9f 62 0d 21 8e 760a 64 35 7b01 bb 09 13 6b 7b 7f e1 1c 8d 82 1d 80 10 00 f5 cb 28 00 00 01 01 05 0a 1c 8d 82 1c 1c 8d 82 1d

```
Access : Allow

C:\Users\Bhagyashri Bhamare\Desktop\IAS LAB\lab 3>python main2.py 5.txt

Protocol TCP

source mac address: 50.eb.1a.90.61.32
destination mac address: 6c.c2.17.77.00.a6
ethernet version: 8 0
ip version: 4
length of datagram: 52
total length: 49387
time to live: 63
protocol field: 6
source ip address: 13.33.142.118
destination ip address: 10.100.53.123
protocol number: 6
source port number :443
destination port number :2323

Access : Deny

C:\Users\Bhagyashri Bhamare\Desktop\IAS LAB\lab 3>
```