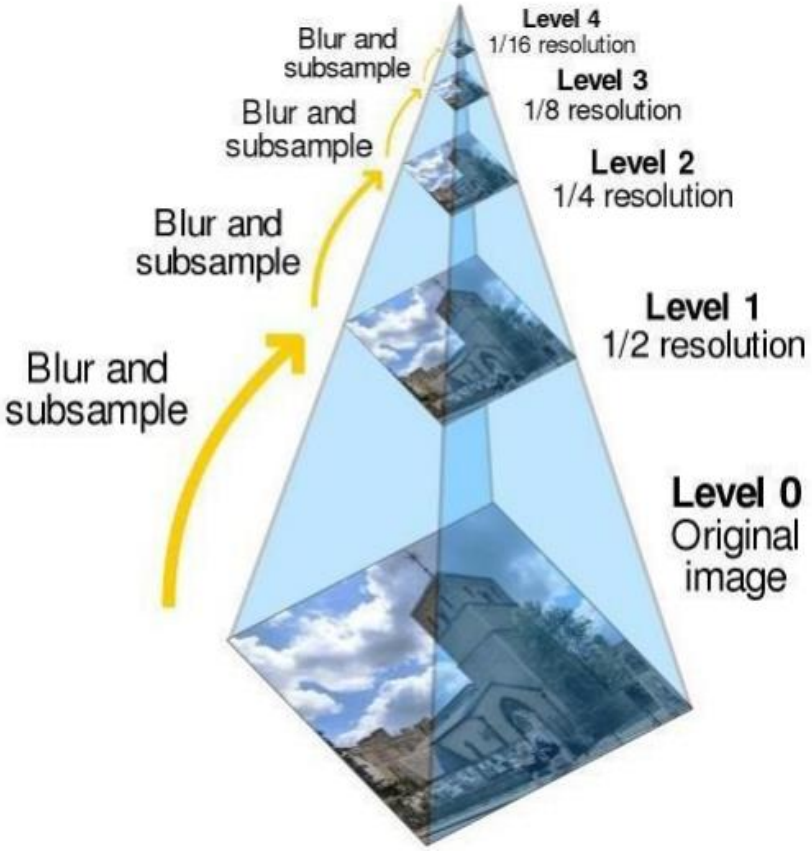
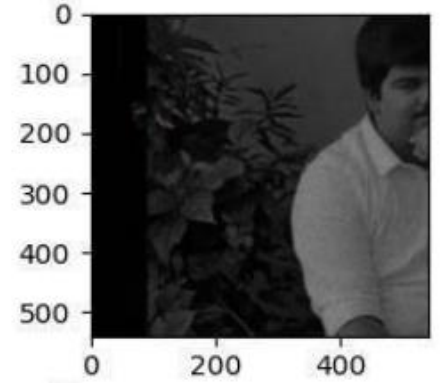
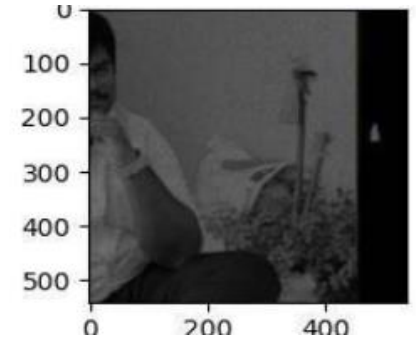
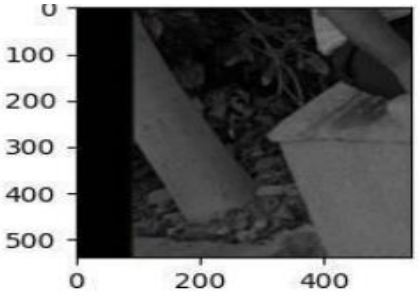
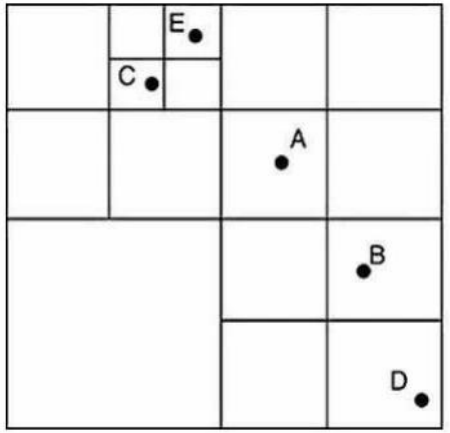
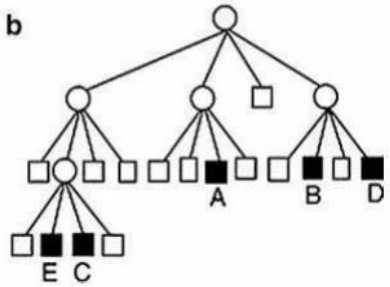

Level 4
1/16 resolution
Blur and subsample
Level 3
1/8 resolution
Blur and subsample
Level 2
1/4 resolution
Blur and subsample
Level 1
1/2 resolution
Blur and subsample
Level 0
Original image

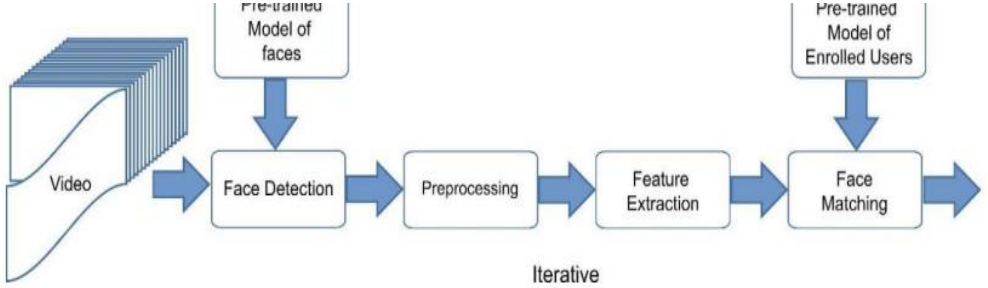

0
100
200
300
400
500
0
200
400

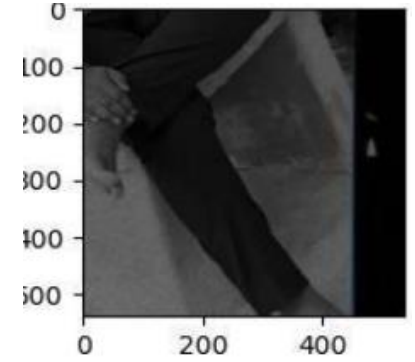

0
100
200
300
400
500
0
200
400

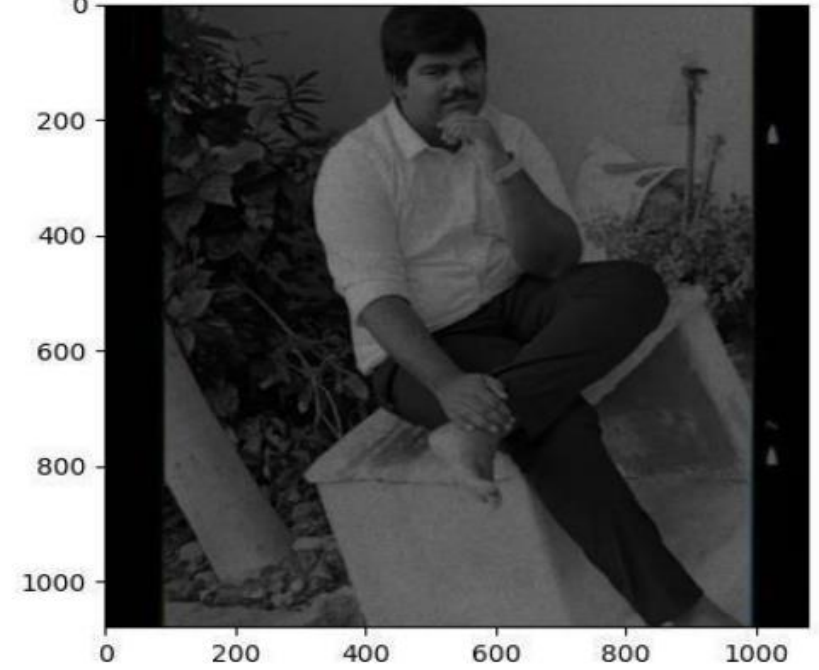

0
100
200
300
400
500
0
200
400

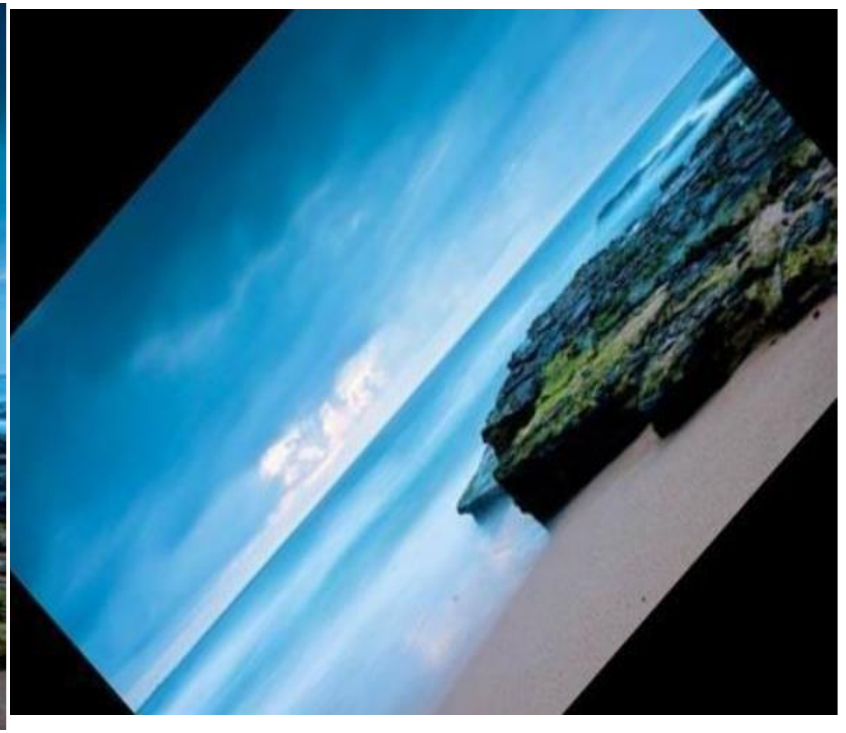

E
C
A
B
D

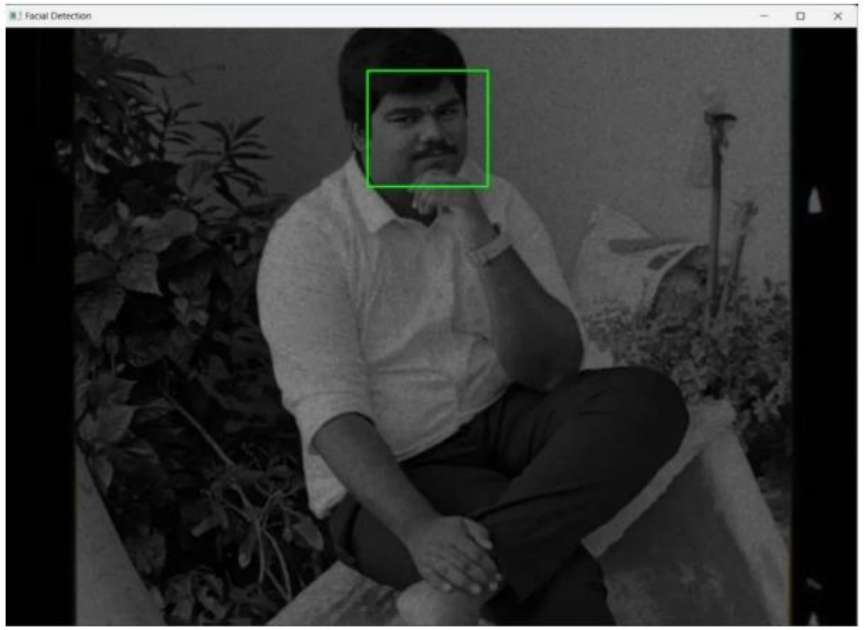

b
A
B
D
E
C

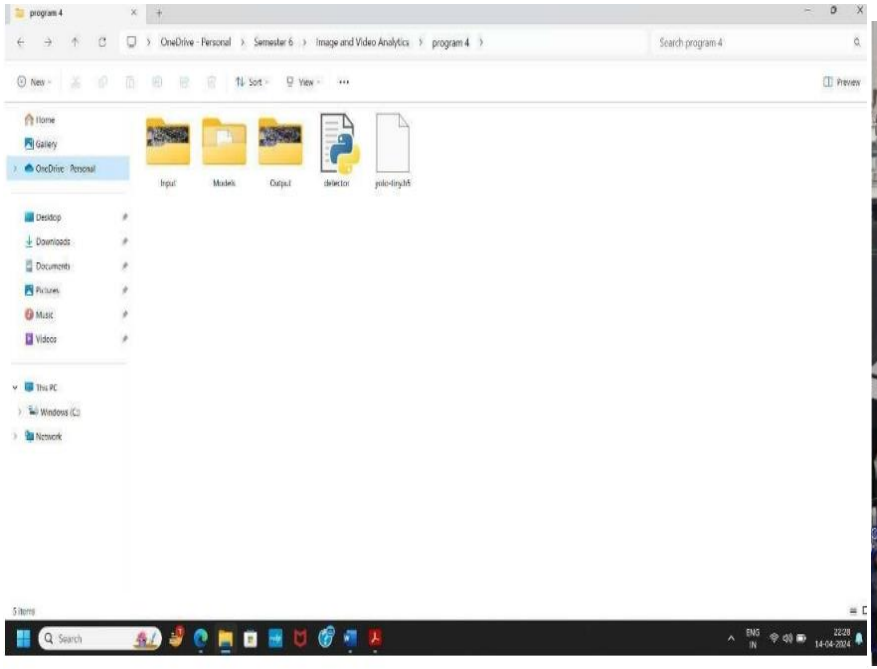

Pre-trained Model of faces
Pre-trained Model of Enrolled Users
Video
Face Detection
Preprocessing
Feature Extraction
Face Matching
user ID
Iterative

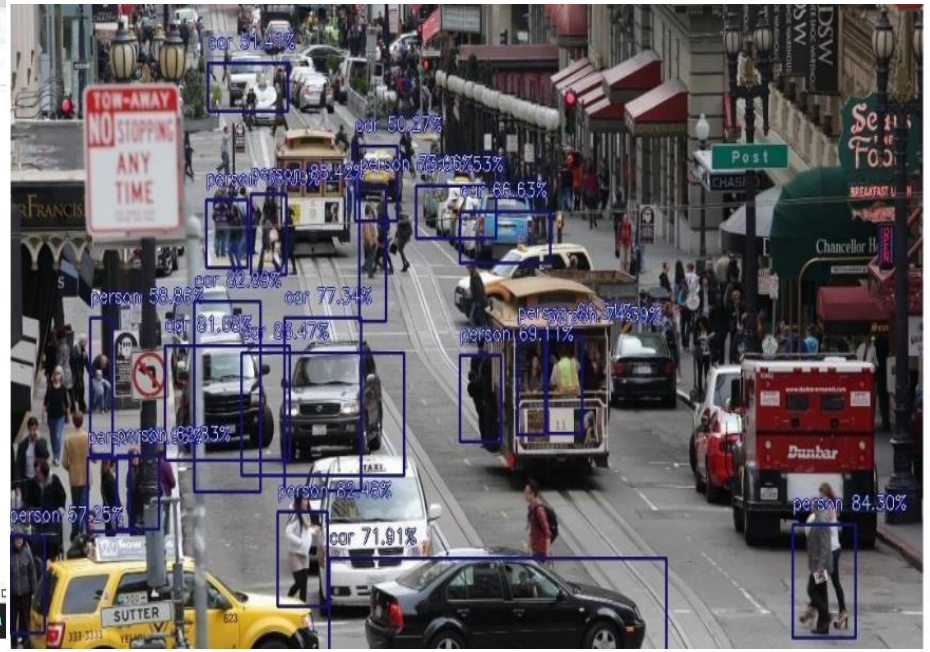

0
100
200
300
400
500
0
200
400

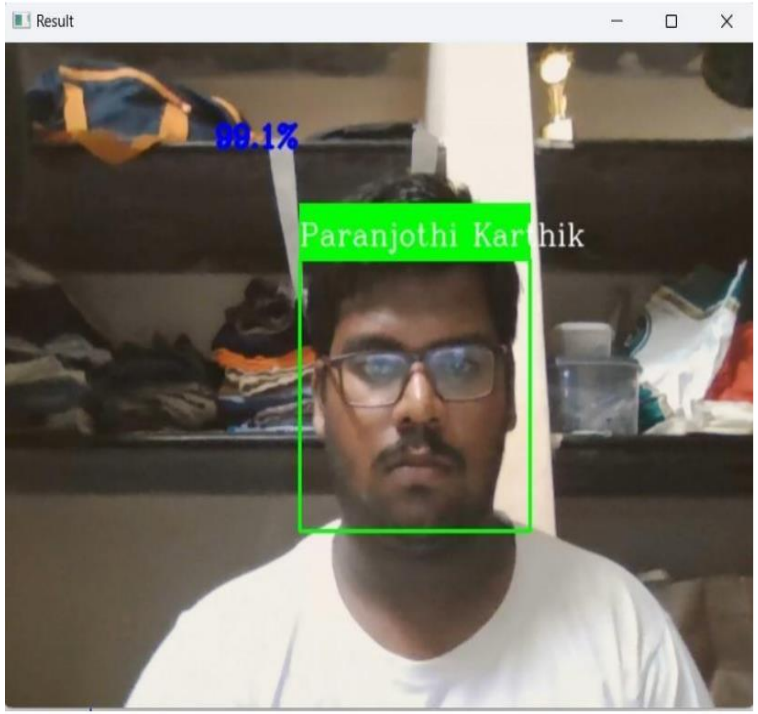

0
200
400
600
800
1000
0
200
400
600
800
1000




Facial Detection


program 4
OneDrive - Personal
Semester 6
Image and Video Analytics
program 4
Search program 4
Input
Models
Output
detector
yolo-tiny.h5
5 items

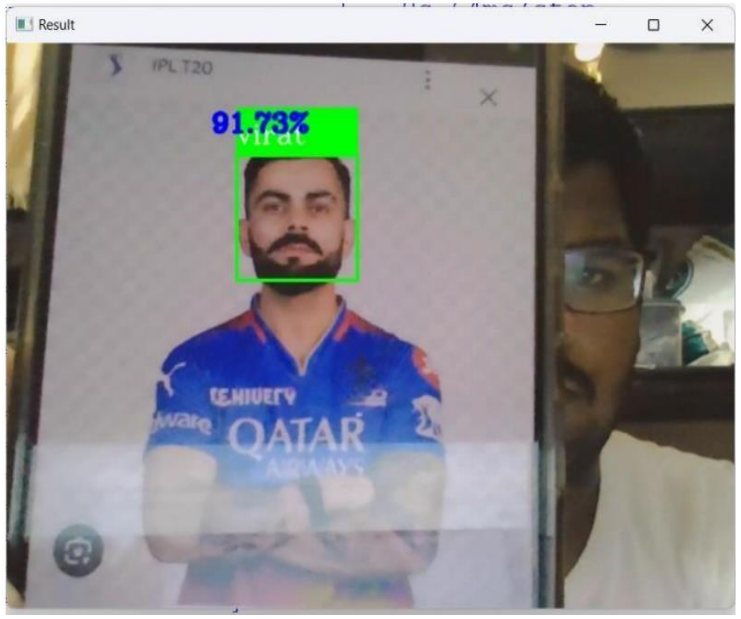

car 51.45%
car 50.27%
person 85.42%
car 66.63%
car 82.89%
person 58.86%
car 77.34%
car 81.58%
car 83.47%
person 69.11%
person 82.48%
person 57.25%
car 71.91%
person 84.30%
TOW-AWAY
NO STOPPING
ANY
TIME
Post
Dunbar
SUTTER
TAXI

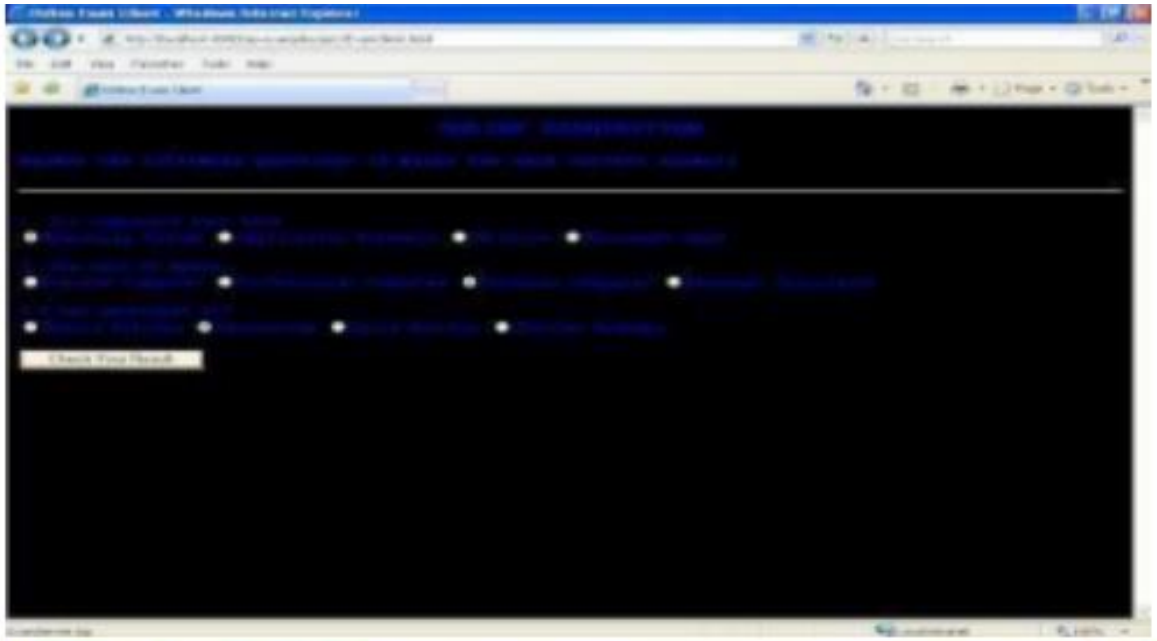

Result
88.1%
Paranjothi Karthik

Input image:

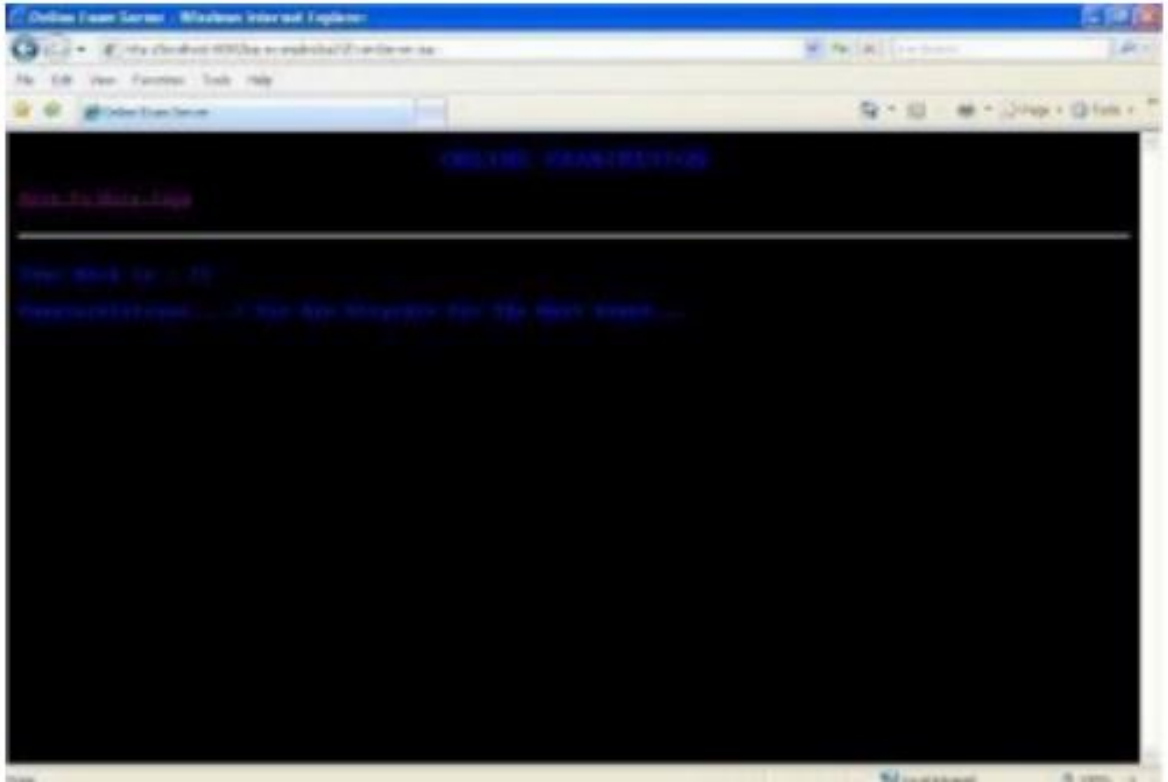
TOW-AWAY
NO STOPPING
ANY
TIME
Post
Dunbar
SUTTER
TAXI

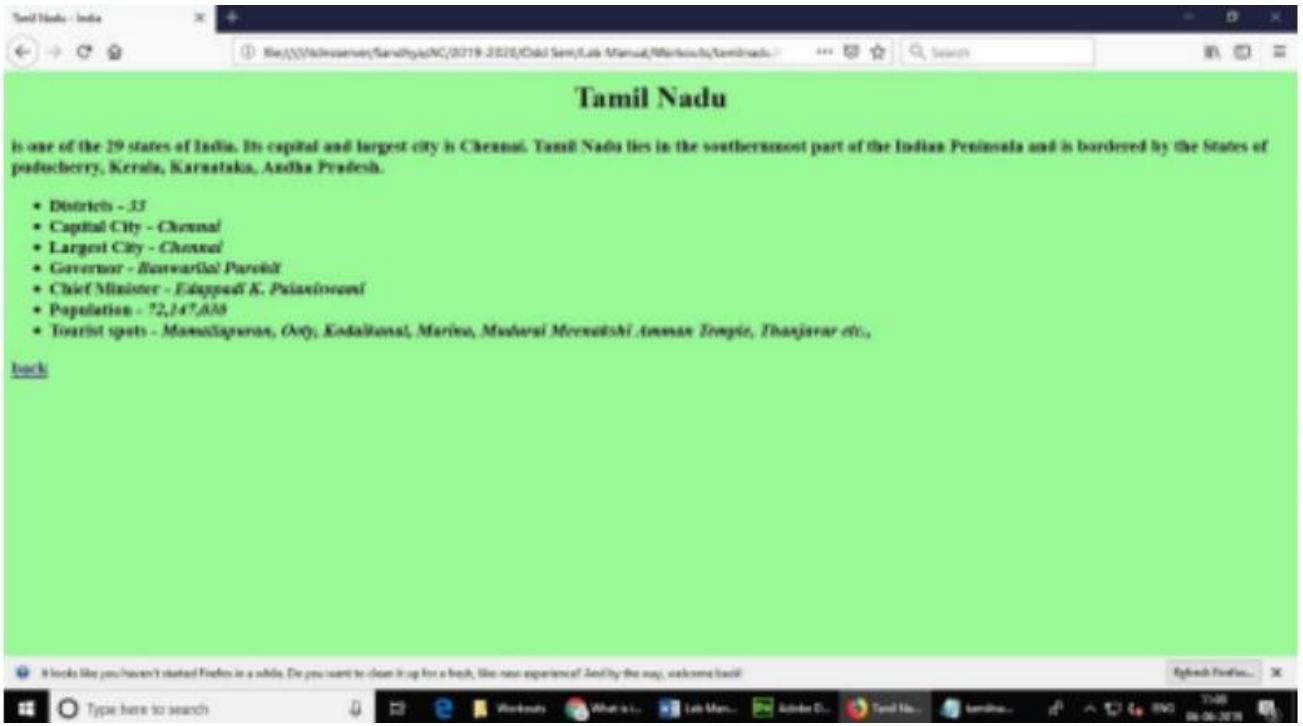
Moving Edges

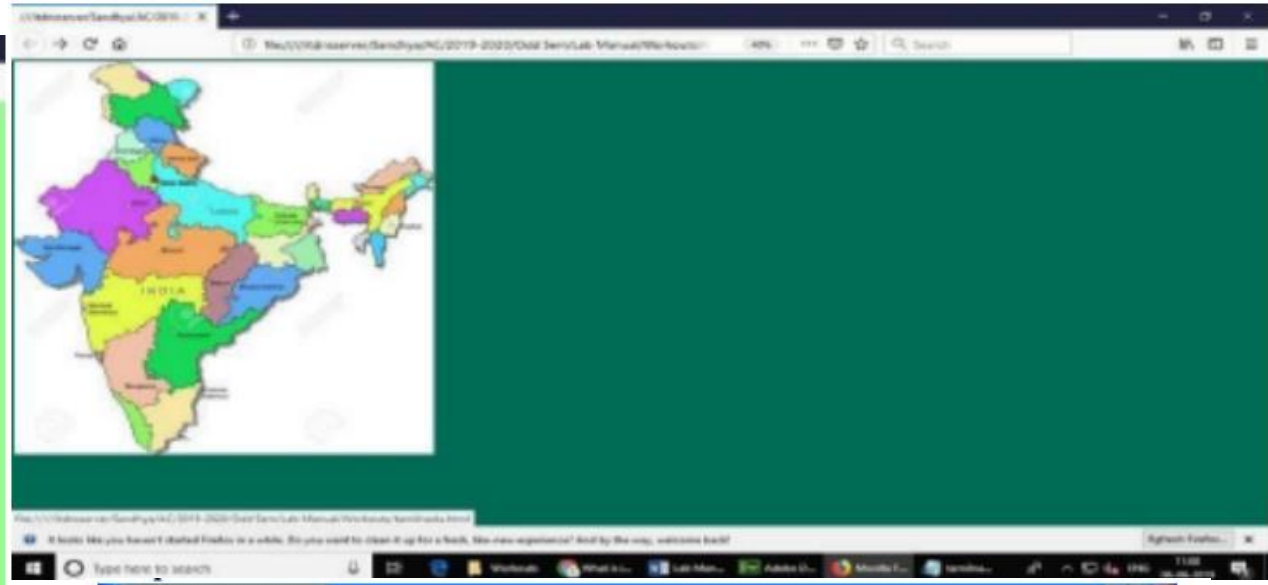

Result
IPL T20
91.73%
virat
QATAR

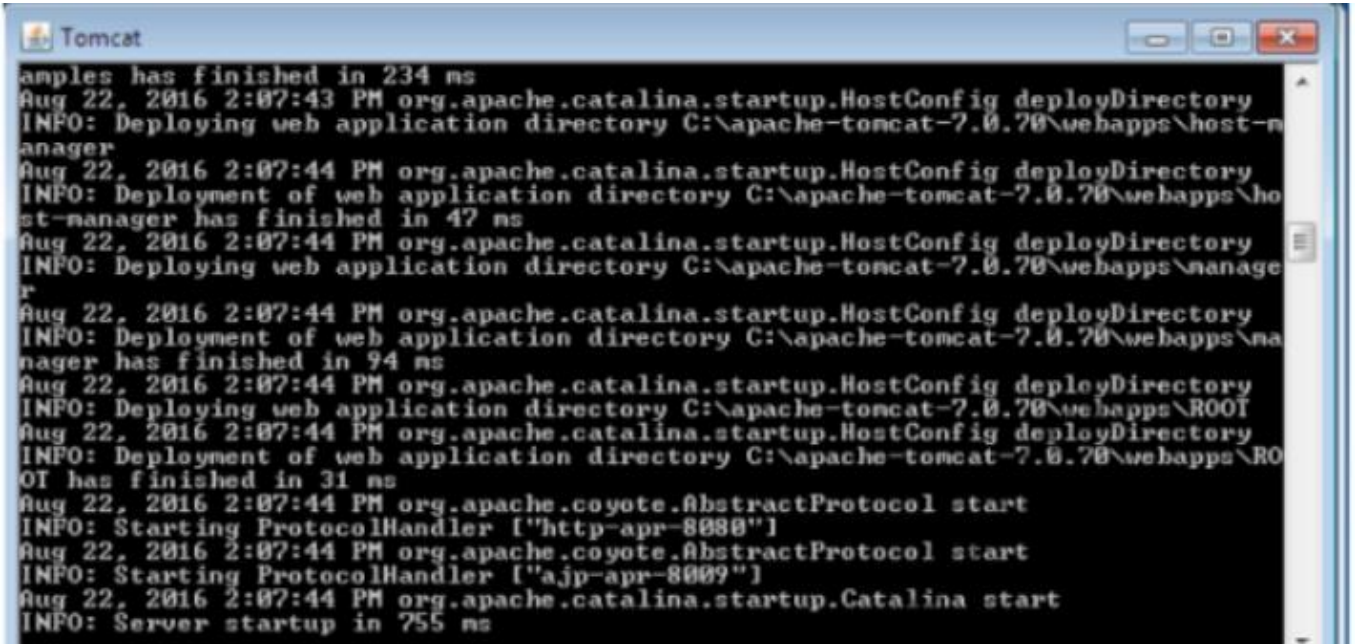


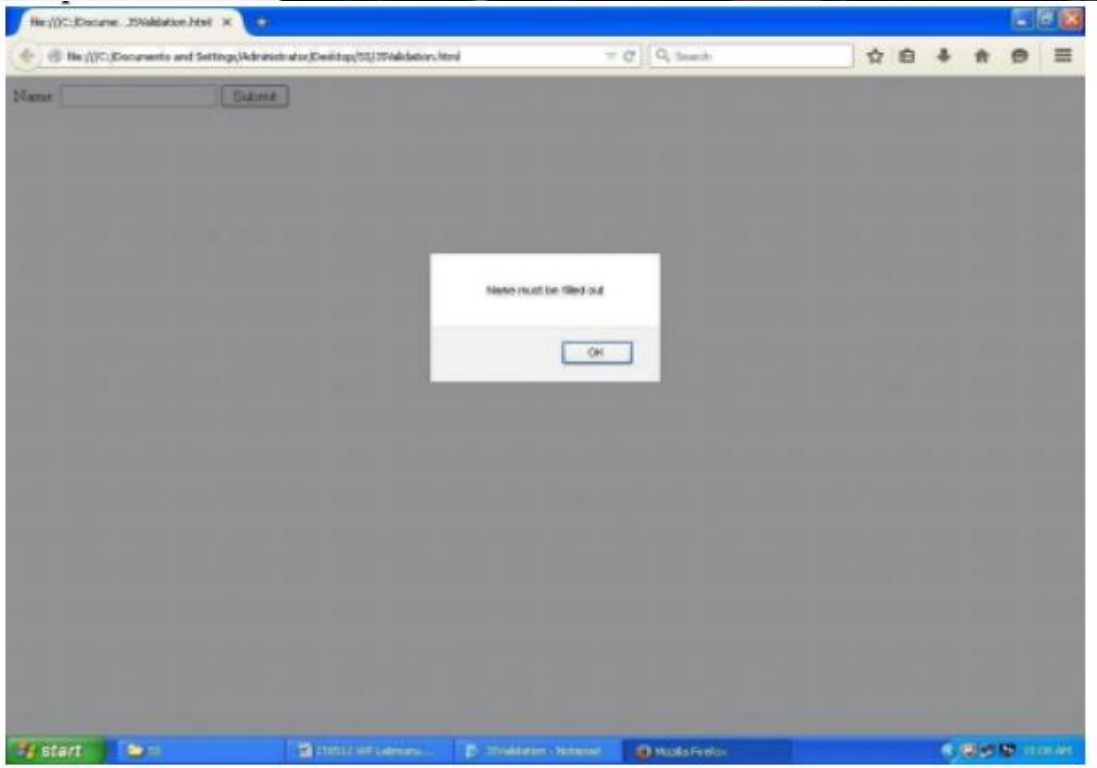
Welcome to GeeksForGeeks
Gfg Session Infomation
Session info
value
Id
7D950F2004E23A0C6096493 4B6B1A585
Creation Time
Wed Feb 16 19:50:46 IST 2022
Time of Last Access
Wed Feb 16 19:50:46 IST 2022
User ID
GFG
Number of visits
0

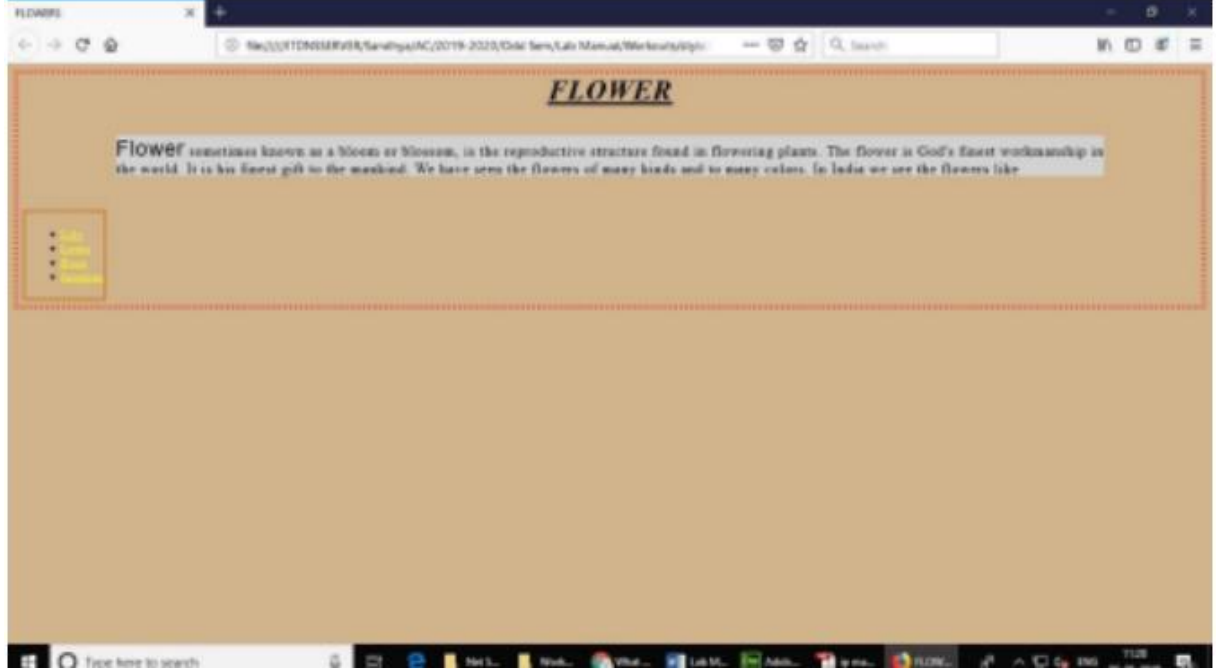


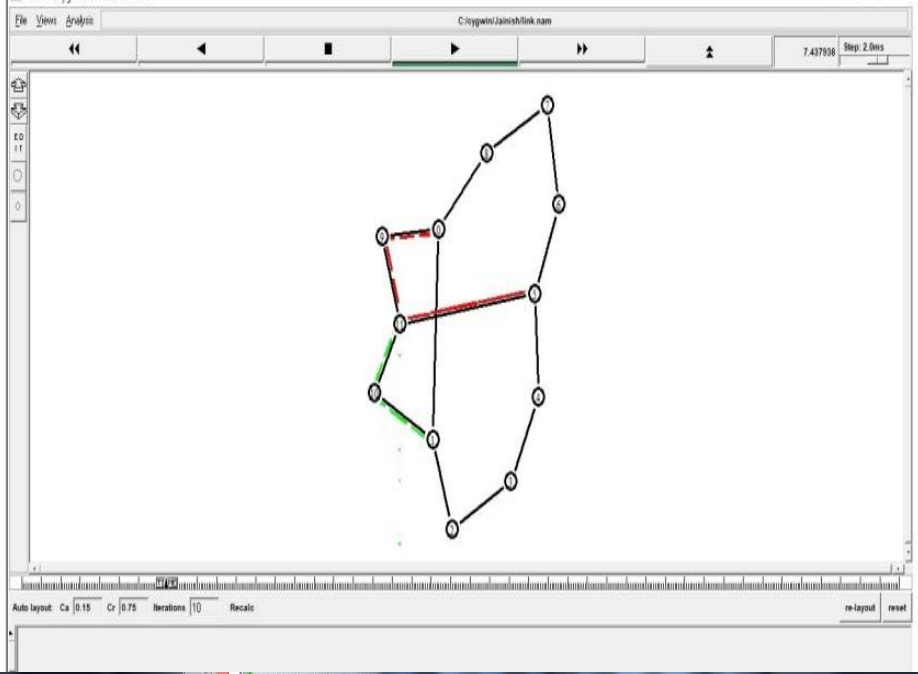

Tamil Nadu
is one of the 29 states of India. Its capital and largest city is Chennai. Tamil Nadu lies in the southernmost part of the Indian Peninsula and is bordered by the States of puducherry, Kerala, Karnataka, Andhra Pradesh.
Districts - 33
Capital City - Chennai
Largest City - Chennai
Governor - Banwarilal Purohit
Chief Minister - Edappadi K. Palaniswami
Population - 72,147,030
Tourist spots - Mamallapuram, Ooty, Kodaikanal, Marina, Madurai Meenakshi Amman Temple, Thanjavur etc.,
back

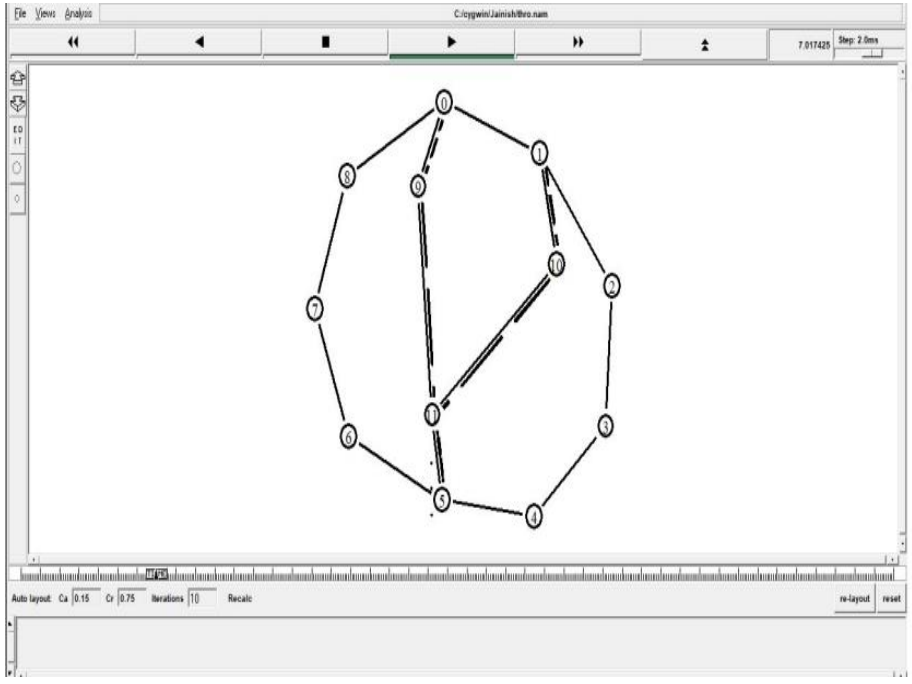


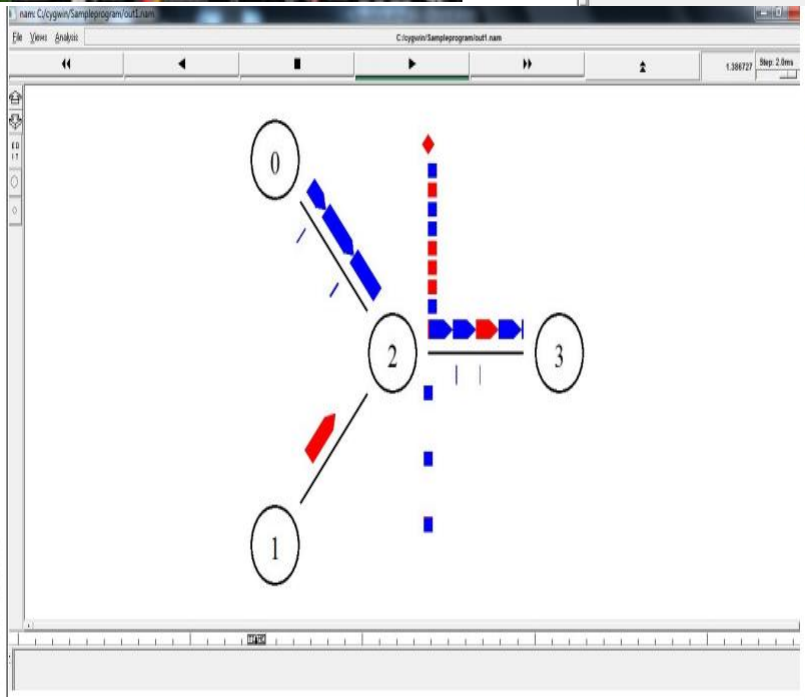

Tomcat
amples has finished in 234 ms
Aug 22, 2016 2:07:43 PM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deploying web application directory C:\apache-tomcat-7.0.70\webapps\host-manager
Aug 22, 2016 2:07:44 PM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deployment of web application directory C:\apache-tomcat-7.0.70\webapps\host-manager has finished in 47 ms
Aug 22, 2016 2:07:44 PM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deploying web application directory C:\apache-tomcat-7.0.70\webapps\manager
Aug 22, 2016 2:07:44 PM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deployment of web application directory C:\apache-tomcat-7.0.70\webapps\manager has finished in 94 ms
Aug 22, 2016 2:07:44 PM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deploying web application directory C:\apache-tomcat-7.0.70\webapps\ROOT
Aug 22, 2016 2:07:44 PM org.apache.catalina.startup.HostConfig deployDirectory
INFO: Deployment of web application directory C:\apache-tomcat-7.0.70\webapps\ROOT has finished in 31 ms
Aug 22, 2016 2:07:44 PM org.apache.coyote.AbstractProtocol start
INFO: Starting ProtocolHandler ["http-apr-8080"]
Aug 22, 2016 2:07:44 PM org.apache.coyote.AbstractProtocol start
INFO: Starting ProtocolHandler ["ajp-apr-8009"]
Aug 22, 2016 2:07:44 PM org.apache.catalina.startup.Catalina start
INFO: Server startup in 755 ms

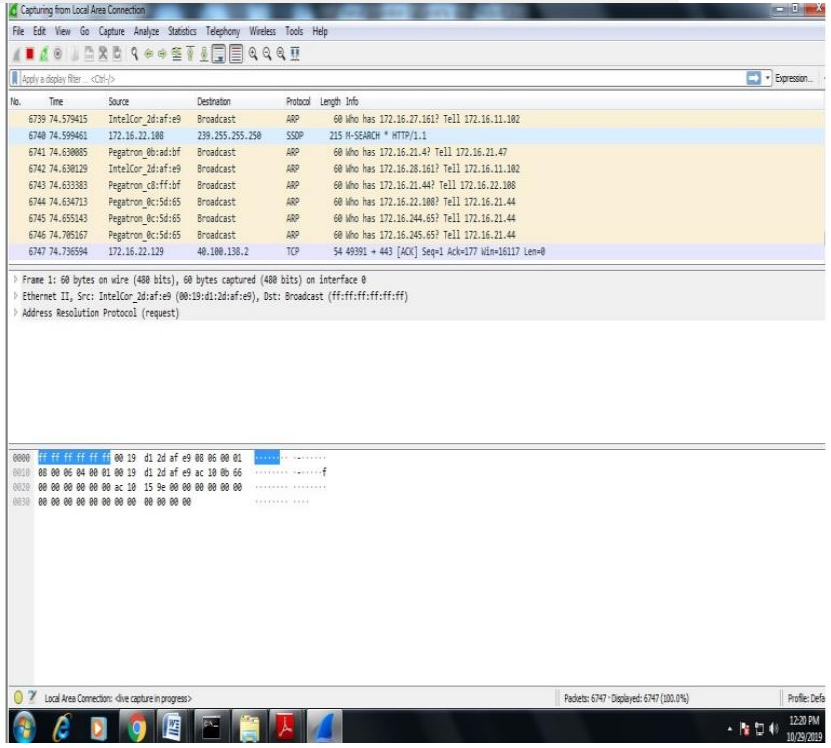

Name
Submit
Name must be filled out
OK
start


FLOWER
Flower sometimes known as a bloom or blossom, is the reproductive structure found in flowering plants. The flower is God's finest workmanship in the world. It is his finest gift to the mankind. We have seen the flowers of many kinds and to many colors. In India we see the flowers like


C:/cygwin/Jainish/link.nam
7.437938
Step: 2.0ms
Auto layout: Ca 0.15 Cr 0.75 Iterations 10 Recalc
re-layout
reset


C:/cygwin/Jainish/thro.nam
7.017425
Step: 2.0ms
0
1
2
3
4
5
6
7
8
9
10
Auto layout: Ca 0.15 Cr 0.75 Iterations 10 Recalc
re-layout
reset


nam: C:/cygwin/Sampleprogram/out1.nam
C:/cygwin/Sampleprogram/out1.nam
1.386727
Step: 2.0ms
0
1
2
3


Capturing from Local Area Connection
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
No. Time Source Destination Protocol Length Info
6739 74.579415 IntelCor_2d:af:e9 Broadcast ARP 60 Who has 172.16.27.161? Tell 172.16.11.102
6740 74.599461 172.16.22.108 239.255.255.250 SSDP 215 M-SEARCH * HTTP/1.1
6741 74.630085 Pegatron_0b:ad:bf Broadcast ARP 60 Who has 172.16.21.4? Tell 172.16.21.47
6742 74.630129 IntelCor_2d:af:e9 Broadcast ARP 60 Who has 172.16.28.161? Tell 172.16.11.102
6743 74.633383 Pegatron_c8:ff:bf Broadcast ARP 60 Who has 172.16.21.44? Tell 172.16.22.108
6744 74.634713 Pegatron_0c:5d:65 Broadcast ARP 60 Who has 172.16.22.108? Tell 172.16.21.44
6745 74.655143 Pegatron_0c:5d:65 Broadcast ARP 60 Who has 172.16.244.65? Tell 172.16.21.44
6746 74.705167 Pegatron_0c:5d:65 Broadcast ARP 60 Who has 172.16.245.65? Tell 172.16.21.44
6747 74.736594 172.16.22.129 40.100.138.2 TCP 54 49391 + 443 [ACK] Seq=1 Ack=177 Win=16117 Len=0
Frame 1: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface 0
Ethernet II, Src: IntelCor_2d:af:e9 (00:19:d1:2d:af:e9), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
Address Resolution Protocol (request)
0000 ff ff ff ff ff ff 00 19 d1 2d af e9 08 06 00 01
0010 08 00 06 04 00 01 00 19 d1 2d af e9 ac 10 0b 66
0020 00 00 00 00 00 00 ac 10 15 9e 00 00 00 00 00 00
0030 00 00 00 00 00 00 00 00 00 00 00 00
Local Area Connection: <live capture in progress>
Packets: 6747 · Displayed: 6747 (100.0%)
Profile: Defa
12:20 PM
10/29/2019

```
C:\Windows\system32\cmd.exe - xgraph congestion.xg
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation.  All rights reserved.

C:\Users\admin>cd..

C:\Users>cd ..

C:\>cd C:\XGraph4.38_mswin\bin

C:\XGraph4.38_mswin\bin>xgraph congestion.xg
XGraph v4.38
Window (751 x 465)
500 points read.
WindowSize = (751, 300)
): T): TWindowSize = (994, 300)
WindowSize = (994, 388)
WindowSize = (643, 388)
```

XGRAPH

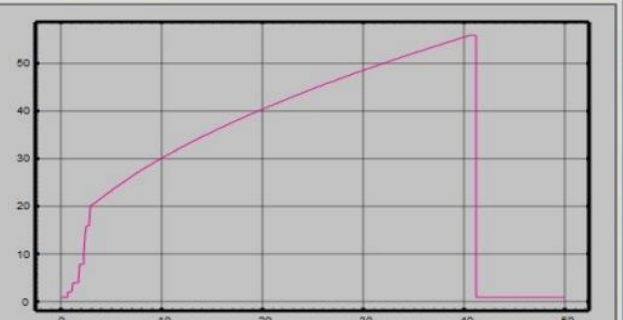
File Edit View Options Help — XGraph (Vers 4.38)

Zoom: +Z In -z Out

Pan:

Display: Points Lines Text

History:




```
C:\Users\IT HOD>ping 8.8.8.8

Pinging 8.8.8.8 with 32 bytes of data:
Reply from 8.8.8.8: bytes=32 time=21ms TTL=56
Reply from 8.8.8.8: bytes=32 time=21ms TTL=56
Reply from 8.8.8.8: bytes=32 time=21ms TTL=56
Reply from 8.8.8.8: bytes=32 time=21ms TTL=56

Ping statistics for 8.8.8.8:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 21ms, Maximum = 21ms, Average = 21ms

C:\Users\IT HOD>ping google-public-dns-a.google.com

Pinging google-public-dns-a.google.com [8.8.8.8] with 32 bytes of data:
Reply from 8.8.8.8: bytes=32 time=21ms TTL=56
Reply from 8.8.8.8: bytes=32 time=21ms TTL=56
Reply from 8.8.8.8: bytes=32 time=21ms TTL=56
Reply from 8.8.8.8: bytes=32 time=21ms TTL=56

Ping statistics for 8.8.8.8:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 21ms, Maximum = 21ms, Average = 21ms

C:\Users\IT HOD>ping ipv6.google.com
Ping request could not find host ipv6.google.com. Please check the name and try
again.

C:\Users\IT HOD>ping 2001:4860:4860::8888

Pinging 2001:4860:4860::8888 with 32 bytes of data:
PING: transmit failed. General failure.
PING: transmit failed. General failure.
PING: transmit failed. General failure.
PING: transmit failed. General failure.

Ping statistics for 2001:4860:4860::8888:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\Users\IT HOD>
```

```
C:\Users\IT HOD>ipconfig/all

Windows IP Configuration

   Host Name . . . . . . . . . . . . : ITHOD-PC
   Primary Dns Suffix  . . . . . . . :
   Node Type . . . . . . . . . . . . : Hybrid
   IP Routing Enabled. . . . . . . . : No
   WINS Proxy Enabled. . . . . . . . : No

Ethernet adapter Local Area Connection:

   Connection-specific DNS Suffix  . :
   Description . . . . . . . . . . . : Realtek RTL8168B/8111B Family PCI-E Giga
it Ethernet NIC (NDIS 6.20)
   Physical Address. . . . . . . . . : 00-1C-C0-85-81-17
   DHCP Enabled. . . . . . . . . . . : No
   Autoconfiguration Enabled . . . . : Yes
   Link-local IPv6 Address . . . . . : fe80::20dc:3b80:28fe:343%11(Preferred)
   IPv4 Address. . . . . . . . . . . : 172.16.22.129(Preferred)
   Subnet Mask . . . . . . . . . . . : 255.255.0.0
   Default Gateway . . . . . . . . . : 172.16.16.16
   DHCPv6 IAID . . . . . . . . . . . : 234888384
   DHCPv6 Client DUID. . . . . . . . : 00-01-00-01-09-68-19-88-00-1C-C0-85-81-1

   DNS Servers . . . . . . . . . . . : 8.8.8.8
                                       4.4.8.8
   NetBIOS over Tcpip. . . . . . . . : Enabled

Tunnel adapter isatap.{8F64F018-0896-4E4E-BBDF-8CCC0986AD83}:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :
   Description . . . . . . . . . . . : Microsoft ISATAP Adapter
   Physical Address. . . . . . . . . : 00-00-00-00-00-00-00-E0
   DHCP Enabled. . . . . . . . . . . : No
   Autoconfiguration Enabled . . . . : Yes

C:\Users\IT HOD>ping 172.16.16.16

Pinging 172.16.16.16 with 32 bytes of data:
Reply from 172.16.16.16: bytes=32 time<1ms TTL=64
Reply from 172.16.16.16: bytes=32 time<1ms TTL=64
Reply from 172.16.16.16: bytes=32 time<1ms TTL=64
Reply from 172.16.16.16: bytes=32 time<1ms TTL=64

Ping statistics for 172.16.16.16:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\IT HOD>
```

```
C:\Users\IT HOD> ping 192.168.1.101

Pinging 192.168.1.101 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.1.101:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\Users\IT HOD>ping 184.168.221.39

Pinging 184.168.221.39 with 32 bytes of data:
Reply from 184.168.221.39: bytes=32 time=319ms TTL=53
Reply from 184.168.221.39: bytes=32 time=319ms TTL=53
Reply from 184.168.221.39: bytes=32 time=319ms TTL=53
Reply from 184.168.221.39: bytes=32 time=319ms TTL=53

Ping statistics for 184.168.221.39:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 319ms, Maximum = 319ms, Average = 319ms

C:\Users\IT HOD>_
```

```
Trace complete.

C:\Users\IT HOD>tracert drsacoe.com

Tracing route to drsacoe.com [184.168.221.39]
over a maximum of 30 hops:

  1     1 ms     1 ms     1 ms  117.193.124.33
  2    10 ms     1 ms     1 ms  172.16.199.74
  3    13 ms     *        *     218.248.255.5
  4     *       10 ms    10 ms  218.248.255.6
  5    21 ms    21 ms    21 ms  115.110.161.85.static.vsnl.net.in [115.110.161.8
5]
  6    21 ms    21 ms    21 ms  115.114.85.222
  7    21 ms    21 ms    21 ms  115.114.85.241
  8   149 ms   148 ms   149 ms  if-ae-3-3.tcore2.cxr-chennai.as6453.net [180.87.
36.6]
  9   154 ms   154 ms   153 ms  if-ae-9-2.tcore2.mlv-mumbai.as6453.net [180.87.3
7.10]
 10   147 ms   147 ms   147 ms  if-ae-2-2.tcore1.mlv-mumbai.as6453.net [180.87.3
8.1]
 11   157 ms   155 ms   154 ms  if-ae-5-6.tcore1.wyn-marseille.as6453.net [180.8
7.38.126]
 12   155 ms   156 ms   155 ms  if-ae-8-1600.tcore1.pye-paris.as6453.net [80.231
.217.6]
 13   156 ms   156 ms   161 ms  if-ae-11-2.tcore1.pvu-paris.as6453.net [80.231.1
53.49]
 14   263 ms   263 ms   263 ms  80.231.153.66
 15     *        *        *     Request timed out.
 16   324 ms   324 ms   324 ms  4.28.83.74
 17     *        *        *     Request timed out.
 18   321 ms   322 ms   321 ms  148.72.32.7
 19   327 ms   327 ms   327 ms  be38.trmc0215-01.ars.mgmt.phx3.gdg [184.168.0.69
]
 20   323 ms   324 ms   325 ms  ip-184-168-0-94.ip.secureserver.net [184.168.0.9
4]
 21   333 ms   333 ms   333 ms  ip-184-168-221-39.ip.secureserver.net [184.168.2
21.39]

Trace complete.

C:\Users\IT HOD>
```

```
C:\Users\IT HOD>ping localhost

Pinging ITHOD-PC [::1] with 32 bytes of data:
Reply from ::1: time<1ms
Reply from ::1: time<1ms
Reply from ::1: time<1ms
Reply from ::1: time<1ms

Ping statistics for ::1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\IT HOD>
```

```
C:\Users\IT HOD>ping 127.0.0.1

Pinging 127.0.0.1 with 32 bytes of data:
Reply from 127.0.0.1: bytes=32 time<1ms TTL=128
Reply from 127.0.0.1: bytes=32 time<1ms TTL=128
Reply from 127.0.0.1: bytes=32 time<1ms TTL=128
Reply from 127.0.0.1: bytes=32 time<1ms TTL=128

Ping statistics for 127.0.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\IT HOD>
```

```
C:\Users\IT HOD>nslookup -type=ns annauniv.edu
Server:  dns.google
Address:  8.8.8.8

Non-authoritative answer:
annauniv.edu    nameserver = ns1.annauniv.edu

C:\Users\IT HOD>
```

```
C:\Users\IT HOD>ipconfig

Windows IP Configuration


Ethernet adapter Local Area Connection:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::20dc:3b80:28fe:343%11
   IPv4 Address. . . . . . . . . . . : 172.16.22.129
   Subnet Mask . . . . . . . . . . . : 255.255.0.0
   Default Gateway . . . . . . . . . : 172.16.16.16

Tunnel adapter isatap.{8F64F018-0896-4E4E-BBDF-8CCC0986AD83}:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :

C:\Users\IT HOD>
```

```
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation.  All rights reserved.

C:\Users\IT HOD>cd Downloads

C:\Users\IT HOD\Downloads>windump
windump: listening on \Device\NPF_{8F64F018-0896-4E4E-BBDF-8CCC0986AD83}
13:38:14.617056 arp who-has 172.16.72.89 tell CS03C014
13:38:14.723835 28:34:a2:19:26:bd (oui Unknown) > 34:db:fd:77:e4:61 (oui Unknown
), ethertype Unknown (0xa0a0), length 60:
        0x0000:  0006 0101 0101 0101 0101 0101 0101 0101  ................
        0x0010:  0101 0101 0101 0101 0101 0101 0101 0101  ................
        0x0020:  0101 0101 0101 0101 0101 0101 0101       ..............
13:38:14.784612 IP MECCAD33.137 > 172.16.255.255.137: UDP, length 50
13:38:14.795666 IP6 sacoeit-PC.57153 > ff02::1:3.5355: UDP, length 24
13:38:14.795937 IP sacoeit-PC.55379 > 224.0.0.252.5355: UDP, length 24
13:38:14.851049 arp who-has 172.16.73.89 tell CS03C014
13:38:14.903731 IP6 sacoeit-PC.57153 > ff02::1:3.5355: UDP, length 24
13:38:14.903865 IP sacoeit-PC.55379 > 224.0.0.252.5355: UDP, length 24
13:38:14.975530 arp who-has 172.16.64.89 tell CS03C014
13:38:14.975533 arp who-has 172.16.65.89 tell CS03C014
13:38:14.975583 arp who-has 172.16.66.89 tell CS03C014
13:38:14.975585 arp who-has 172.16.70.89 tell CS03C014
13:38:14.975849 arp who-has 172.16.74.89 tell CS03C014
13:38:15.095201 802.1d unknown version
13:38:15.107012 IP sacoeit-PC.137 > 172.16.255.255.137: UDP, length 50
13:38:15.324697 arp who-has 172.16.118.185 tell it02c16
13:38:15.324700 arp who-has 172.16.118.186 tell it02c16
13:38:15.324702 arp who-has 172.16.118.187 tell it02c16
13:38:15.324703 arp who-has 172.16.118.188 tell it02c16
```

C:\Windows\system32\cmd.exe - windump -i 1 -q -w C:\perflogs\diagtraces -n -C 30 -W 10 -U -s 0

```
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation.  All rights reserved.

C:\Users\IT HOD>cd Downloads

C:\Users\IT HOD\Downloads>windump -D
1.\Device\NPF_{8F64F018-0896-4E4E-BBDF-8CCC0986AD83} (Realtek RTL8168B/8111B PCI
-E Gigabit Ethernet NIC)

C:\Users\IT HOD\Downloads>windump -i 1 -q -w C:\perflogs\diagtraces -n -C 30 -W
10 -U -s 0
windump: listening on \Device\NPF_{8F64F018-0896-4E4E-BBDF-8CCC0986AD83}
```