**Exp No1: Working with Wireshark Tool.**

**Installation of wireshark:**

administrator@ubuntu:~$ sudo apt-get install wireshark

[sudo] password for administrator:

Reading package lists... Done

Building dependency tree

Reading state information... Done

The following extra packages will be installed:

libc-ares2 libsmi2ldbl libwireshark-data libwireshark1 libwiretap1

libwsutil1 wireshark-common

Suggested packages:

snmp-mibs-downloader wireshark-doc

The following NEW packages will be installed:

libc-ares2 libsmi2ldbl libwireshark-data libwireshark1 libwiretap1

libwsutil1 wireshark wireshark-common

0 upgraded, 8 newly installed, 0 to remove and 523 not upgraded.

Need to get 12.8 MB of archives.

After this operation, 49.0 MB of additional disk space will be used.

Do you want to continue [Y/n]? y

Get:1 http://us.archive.ubuntu.com/ubuntu/ precise/main libc-ares2 i386 1.7.5-1 [37.6 kB]

Get:2 http://us.archive.ubuntu.com/ubuntu/ precise/universe libsmi2ldbl i386 0.4.8+dfsg2-4build1 [319 kB]

Get:3 http://us.archive.ubuntu.com/ubuntu/ precise/universe libwireshark-data all 1.6.7-1 [1,155 kB]

Get:4 http://us.archive.ubuntu.com/ubuntu/ precise/universe libwsutil1 i386 1.6.7-1 [12.3 kB]

Get:5 http://us.archive.ubuntu.com/ubuntu/ precise/universe libwiretap1 i386 1.6.7-1 [150 kB]

Get:6 http://us.archive.ubuntu.com/ubuntu/ precise/universe libwireshark1 i386 1.6.7-1 [10.2 MB]

Get:7 http://us.archive.ubuntu.com/ubuntu/ precise/universe wireshark-common i386 1.6.7-1 [184 kB]

Get:8 http://us.archive.ubuntu.com/ubuntu/ precise/universe wireshark i386 1.6.7-1 [821 kB]

Fetched 12.8 MB in 60s (213 kB/s)

Preconfiguring packages ...

Selecting previously unselected package libc-ares2.

(Reading database ... 140596 files and directories currently installed.)

Unpacking libc-ares2 (from .../libc-ares2\_1.7.5-1\_i386.deb) ...

Selecting previously unselected package libsmi2ldbl.

Unpacking libsmi2ldbl (from .../libsmi2ldbl\_0.4.8+dfsg2-4build1\_i386.deb) ...

Selecting previously unselected package libwireshark-data.

Unpacking libwireshark-data (from .../libwireshark-data\_1.6.7-1\_all.deb) ...

Selecting previously unselected package libwsutil1.

Unpacking libwsutil1 (from .../libwsutil1\_1.6.7-1\_i386.deb) ...

Selecting previously unselected package libwiretap1.

Unpacking libwiretap1 (from .../libwiretap1\_1.6.7-1\_i386.deb) ...

Selecting previously unselected package libwireshark1.

Unpacking libwireshark1 (from .../libwireshark1\_1.6.7-1\_i386.deb) ...

Selecting previously unselected package wireshark-common.

Unpacking wireshark-common (from .../wireshark-common\_1.6.7-1\_i386.deb) ...

Selecting previously unselected package wireshark.

Unpacking wireshark (from .../wireshark\_1.6.7-1\_i386.deb) ...

Processing triggers for man-db ...

Processing triggers for desktop-file-utils ...

Processing triggers for bamfdaemon ...

Rebuilding /usr/share/applications/bamf.index...

Processing triggers for gnome-menus ...

Processing triggers for hicolor-icon-theme ...

Setting up libc-ares2 (1.7.5-1) ...

Setting up libsmi2ldbl (0.4.8+dfsg2-4build1) ...

Setting up libwireshark-data (1.6.7-1) ...

Setting up libwsutil1 (1.6.7-1) ...

Setting up libwiretap1 (1.6.7-1) ...

Setting up libwireshark1 (1.6.7-1) ...

Setting up wireshark-common (1.6.7-1) ...

Setting up wireshark (1.6.7-1) ...

Processing triggers for libc-bin ...

ldconfig deferred processing now taking place

administrator@ubuntu:~$ sudo wireshark