## LAB PROGRAM - 17

## Q) Tool Exploration –Wireshark

## **Procedure:**

	COMPASS
-	100/23 -
1.	Wistesh are Tutorical
-	Wisterhame is an open-source parmet analyzer, which is used
1	for education, analysis, software development, communication
1	portioned development, and network tomorble shooting.
	Decided into 5 parts
	It is used to wack the packets so that each one is filtered
1	to meet out especific needs. It is commonly called as a
	sniffer, network perotocal analyzer, and network analyzer.
	The Capterse means allows to start the Capterina possess.
	Functionality:
( 430)	3) Burge listing window It determines the pocket of
	() Packet (aphone and filtering
	Restimacy function lies in Capturing network packets
	from various interfaces. Its flexible filtering options
	enable users to Taphone specific types of totaffic based on
	perotocols, course ( destination address.
, wolon	1 ) The bottom window (alled the parket Contents wi
James	2) Real time analysis 224 or stanton window Window
	(wistesharks small-time monitoring capability is invalvable for
	Charles de la
	observing ongoing network activities. This feature aids in
bassed	detecting - sudden totaffic spikes, and unattonized networks
(	sage. Hasmeinger touch of prilicons transpres was so
3)	protocal Analysis: It decoupts encoupted protocal offering
·r	sights into source communication methods.
	-) In the 1st window where ethernet
(4)	Packet deconstanction: Allow reassamble of fragmented
	12 CLEE DECOURSE LINES O CARRETTE OF A DICIALISE LINES
pa	crets. engo unhair wan the monato (T
	Costael bother consmission control (subject)
10.	
	statistical Information: presents statistical analysis of
(ap	twied data. 6: as 23: As A
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() (663 - (6ded visualization: empley) (6604 - coded pocket.  $\begin{tabular}{c|cccc} M & T & W & T & F & S & S \\ \hline \Box & \Box & \Box & \Box & \Box & \Box & \Box \\ \hline \hline \end{array}$ to indicate various aspects such as egocogs. Interface of witeshalls. Ly Orwided into 5 parts 1) First port Contains menu box and options displayed below it capture and file menu commonly used in witheshork. The Capture men allows to stort the Capturing process. a) backet listing window. It determines the packet flow) Captured packets in the traffic. 3) Packet Leader - detailed window. It Contains detailed information about the Components of the packets. 4) The bottom window (alled the packet Contents window, which contains contents in ASCII and heraudecimal format. 5 / filter field which is at the top of the display. the Captured packets on the correer can be filtered based or any component according to your stegrishments. 3) perfocal Aproluis: It decompt encoupted Peroceduse: insight into congre commication methods DIn the 1st window, select ethernet > Filter TCP and any require protocol to click on it, new window opens Dopdown: Townsmission control Revoluced, Son Poort: 62 148, Det Poort: 4+3, seq: 2 Ack: 15, Len: 0

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