Peroblem Statement - Write a ferogram waing JP Hockets for wire network to implement - a) Peer to Peer that b) Multi war chat Demonstrate the frackels captured traces wain wirewhark Packet Analyzer tool for freer to freer m	
network to implement - a) Peer to Peer that b) Multi war that Demonstrate the frackels captured traces wain	
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Demonstrate the frackels captured traces wain	d
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Wirexhark Packet Analyzer bool for feer to free m	
	g ode.
H/W & SW Requirements-	
Windows 10, 8GB RAM, Java JDK, IntelliJ IDE,	
Wirexhark Packet Analyzea.	
· Theory -	
Network docket -	
	rding
- A network archel is an internal endpoint for an or receiving data at an aingle node in a romper network.	
- Concretely, it is a refreeventation of their endpoint)
- Concretely, it is a referentation of their endfroint in networking afternee auch as in a table and is format of quatern geographics.	_a
- The deam 'acket' is analogous to felyoical fem	ile
through a channel being virualized as a rable un	· Oh
wale ronnectors.	<i>V</i>
- It is used for an internal endpoint of local inte	4
fraces. Communication (IPC) not over a network.	
FOR EDUCATIONAL USE	

Peer to Peer chat-- The franciple of communication can be categorired into 2, client derver and freez to freez. - In freez to freez, a node can be either a client or server defeending whether it is a requestor or fravider of the service at that afrecific time. - P2P is featurar as it offeres many advantages such as low maintangue rost for server side and high availability rontent distribution agatem. - Many feopular afsfelications like theytee, Bil Torrent dely on P2P metwork. Thus the freez to freez that and multiuxer that was aucesafully implemented. FOR EDUCATIONAL USE Sundaram