Assignment 1B

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Problem statement - To develop any distributed application through implementing client-server communication programs based on JAVA RMI.

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	RMI. Pistributed application using Jana sackets and
	P.S. T.
	P.S.:- To develop any distributed application
	Jeneman chem server communication
	programs based on Java sockets.
6	Objectives: To use the java sockets and RMJ.
The state of	s/w & H/w requirements: Os: Ubunty 16.04,
	Tool: Eclipse, Java socket API, miregistry
	- foods drus as the increases
	Theory - Comment and Organisation of the Comment of
	. Socket In distributed computing network communicati
163	is one of the essential parts of any
	communication system and sockets is endpoint
	of every instance of network communication.
C	· A socket is handle that a local program can pass
-	to the networking All to connectate another PC
	· The TCP layer can easily identify the application
	location and access information through the part of
	assigned to respective sockets
	· During on instance of communication, a chest
	program creates a socket at its end and then
	sever and client communication established.
-	the second of th
	Socket programing for TCP.
Male	Client programing.
	1. Establish a socket connection jara. net sucket
	elass represents a socket.

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Sict.	
	2. Communication to communicate over a sucket connection, streams are used to both input of output data 3. Closing the connection closed explicitly when message to server is sent.
	Server programing. 1. Establish a socket connection two sockets and needed. A server socket which waitr for the client requests. A plain socket to we for communication with client— 2. Communication get Output Stram () method is wed to send output through the socket. 3. Closing connection: close the connection as well as ipput output streams.
	Compilation and execution.
1.	compile both of them on two different terminal.
2.	Ryn the sener program tirst.
	Run client program.
- 11	send message from client to server
5.	Close the connection.
	Conclusion: In this assignment, we learnt about client server communication through different protocols and sockets also learnt java support through the socket API for TCP and UPP programming.