**Assignment on Socket Programming**

* Write a Java program to display the server’s date and time details at the client end.
* Implement a simple message transfer from client to server and server to client process using TCP/IP in Java.
* The message entered in the client is sent to the server and the server encodes the message and returns it to the client. Encoding is done by replacing a character by the character next to it i.e. a as d, b as e …z as c. This process is done using Socket Programming. Implement and test the client and server program in Java for the problem statement given above.
* Develop client server program in Java to upload file to the server & download from the server.