

# JAVA LAB WEEK-11 (31/5/2022) Exercises

- 1) Create three programs, two of which are clients to a single server. Client1 will send a character to the server process. The server will decrement the letter to the next letter in the alphabet and send the result to client2. Client2 prints the letter it receives and then all the processes terminate. (Use **Socket class**)
- 2) Send a C structure that includes data of type character, integer and float from client1 to the server. The server should change the values so that client2 receives a structure with entirely different data. It is not permitted that the data should be converted to any other data type before transmission. (Use **Datagramsocket class**)
- 3) Write a GUI program to move the message left and right and use the radio buttons to change the background color for the message displayed in the message panel.



- 4) Write a program that displays the calendar for the current month. You can use the Prior and Next buttons to show the calendar of the previous or next month. Display the dates in the current month in black and display the dates in the previous month and next month in grey.

