

SSN COLLEGE OF ENGINEERING (Autonomous)
(Affiliated to Anna University, Chennai)
DEPARTMENT OF CSE

UCS 1511 NETWORK LABORATORY

A1: Client Server in C

Faculty In-charge: Dr.S.V.Jansi Rani, Associate Professor / CSE

Batch: 2018-2022 Year: III Sem: V Sec: A

Learning Outcome :

To be proficient in writing client server connectivity using socket programming in C

To learn modular and incremental programming

Write the code using socket programming in C

1. Develop the basic code for communicating with server using the default system calls such as socket(), listen(), bind(), accept() in server side and socket(), connect() in client side. Use read() and write () on both sides to send and receive messages. Send a message from client to server side.
2. Extend the above program to send reply back from server to client.
3. Update the program to read multiple lines from client and use “.” as delimiter for terminating the input. On the server side find the number of alphabets, vowels, digits and other characters and send this as reply to client.