

connection while SOCK_DGRAM is used for udp connection. The protocol parameter specifies the protocol used and is always 0. The header files used are <sys/types.h> and <sys/socket.h>.

Experiment 3

Implementation of Client-Server communication using Socket Programming and TCP as transport layer protocol

Aim: Client sends a string to the server using tcp protocol. The server reverses the string and returns it to the client, which then displays the reversed string.

Description:

Steps for creating a TCP connection by a client are:

1. Creation of client socket

```
int socket(int domain, int type, int protocol);
```