

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);
```