

```
#include<sys/types.h>
#include<sys/socket.h>
#include<netinet/in.h>
#include<arpa/inet.h>
#include<fcntl.h>
#include<string.h>
#include<stdlib.h>
#include<unistd.h>

int main( int argc, char *argv[])
{
    struct sockaddr_in server;
    int sd ;
    char buffer[200];
    if((sd = socket(AF_INET, SOCK_STREAM, 0)) < 0)
    {
        perror("Socket failed.");
        exit(1);
    }
    // server socket address structure initialisation
    bzero(&server, sizeof(server) );
    server.sin_family = AF_INET;
    server.sin_port = htons(atoi(argv[2]));
    inet_pton(AF_INET, argv[1], &server.sin_addr);
    if(connect(sd, (struct sockaddr *)&server, sizeof(server))< 0)
    {
        perror("Connection failed.");
        exit(1);
    }
    fgets(buffer, sizeof(buffer), stdin);
    buffer[strlen(buffer) - 1] = '\0';
    write (sd,buffer, sizeof(buffer));
    read(sd,buffer, sizeof(buffer));
    printf("%s\n", buffer);
    close(fd);
}
```

Server Program

```
#include<stdio.h>
```