```c
#include <stdio.h>
#include <string.h>
#include <stdlib.h>
#include <unistd.h>
#include <arpa/inet.h>

#define PORT 8080

int main() {
    int server_fd, new_socket;
    char buffer[1024];
    struct sockaddr_in address;
    socklen_t addrlen = sizeof(address);

    server_fd = socket(AF_INET, SOCK_STREAM, 0);

    address.sin_family = AF_INET;
    address.sin_addr.s_addr = INADDR_ANY;
    address.sin_port = htons(PORT);

    bind(server_fd, (struct sockaddr*)&address, sizeof(address));
    listen(server_fd, 5);

    printf("TCP Echo Server started...\n");

    while (1) {
        new_socket = accept(server_fd, (struct sockaddr*)&address, &addrlen);
        memset(buffer, 0, sizeof(buffer));

        read(new_socket, buffer, 1024);
        printf("Received: %s\n", buffer);

        send(new_socket, buffer, strlen(buffer), 0);

        close(new_socket);
    }

    return 0;
}
```

```c
#include <stdio.h>
#include <string.h>
#include <unistd.h>
#include <arpa/inet.h>
#include <stdlib.h>

#define PORT 8080

int main() {
    int sock = 0;
    char message[1024], buffer[1024];
    struct sockaddr_in serv_addr;

    sock = socket(AF_INET, SOCK_STREAM, 0);

    serv_addr.sin_family = AF_INET;
    serv_addr.sin_port = htons(PORT);
    serv_addr.sin_addr.s_addr = inet_addr("127.0.0.1");

    connect(sock, (struct sockaddr*)&serv_addr, sizeof(serv_addr));

    printf("Enter message: ");
    fgets(message, sizeof(message), stdin);

    send(sock, message, strlen(message), 0);

    memset(buffer, 0, sizeof(buffer));
    read(sock, buffer, 1024);

    printf("Echo from server: %s\n", buffer);

    close(sock);
    return 0;
}
```

```
Last login: Sat Dec  6 23:51:52 on ttys000
[moshika@Moshikas-MacBook-Air ~ % cd desktop
moshika@Moshikas-MacBook-Air desktop % gcc tcp_echo_server.c -o server
gcc tcp_echo_client.c -o client

moshika@Moshikas-MacBook-Air desktop % ./server

TCP Echo Server started...
Received: Hello world
```

```
Last login: Sat Dec  6 23:57:32 on ttys009
[moshika@Moshikas-MacBook-Air ~ % cd desktop
moshika@Moshikas-MacBook-Air desktop % ./client

Enter message: Hello world
Echo from server: Hello world

moshika@Moshikas-MacBook-Air desktop %
```