import java.io.DataInputStream;

import java.net.ServerSocket;

import java.net.Socket;

public class MyServer {

private ServerSocket server;

public MyServer(int port) {

try {

server = new ServerSocket(port);

System.out.println("Server started!");

System.out.println("Listening to port " + port);

Socket socket = server.accept();

DataInputStream in = new DataInputStream(socket.getInputStream());

String data = in.readUTF();

System.out.println("Received: \n" + data);

} catch (Exception e) {

System.out.println(e);

}

}

public static void main(String[] args) {

MyServer server = new MyServer(12345);

}

}

import java.io.DataInputStream;

import java.io.DataOutputStream;

import java.net.ServerSocket;

import java.net.Socket;

import java.util.Scanner;

public class MyClient {

private Socket client;

public MyClient(String address, int port) {

try {

client = new Socket(address, port);

System.out.println("Client started!");

Scanner sc = new Scanner(System.in);

System.out.println("Enter data to be sent: ");

String data = sc.nextLine();

DataOutputStream out = new DataOutputStream(client.getOutputStream());

out.writeUTF(data);

System.out.println("Data sent!");

} catch (Exception e) {

System.out.println(e);

}

}

public static void main(String[] args) {

MyClient client = new MyClient("localhost", 12345);

}

}

**C:\Users\3atha\code\study\oosw\expt-10 (master -> origin)**

**λ** javac MyServer.java

**C:\Users\3atha\code\study\oosw\expt-10 (master -> origin)**

**λ** java MyServer

Server started!

Listening to port 12345

I am Atharv

**C:\Users\3atha\code\study\oosw\expt-10 (master -> origin)**

**λ** javac MyClient.java

**C:\Users\3atha\code\study\oosw\expt-10 (master -> origin)**

**λ** java MyClient

Client started!

Enter data to be sent:

I am Atharv

Data sent!