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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!