

# UDP Client Server Echo

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Project for CECS 327

## Getting Started

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You can download the whole Git Repo if you want the source code.  
All you really need is the "UDPClientServer" folder within the "out" folder.

## Prerequisites

You need at least JDK 11

## Running the program

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Open up two command MS-DOS windows  
One for the server and one for the client

### If you just downloaded the "production" folder:

Navigate to the "UDPClientServer" using the command line

```
cd \path\to\UDPClientServer\
```

From here, in one terminal type in `java com.company.UDPServer 127.0.0.1 6789`

In other words

```
java com.compant.UDPServer [local address] [port number]
```

In the second terminal type in

```
java com.company.UDPClient "Hello World" 127.0.0.1 6789
```

In other words

```
java com.company.UDPClient [message] [address] [port]
```

### If you downloaded the whole Git Repo

Navigate to the the production folder to find UDPClientServer

```
cd \path\to\production\UDPClientServer
```

From here, in one terminal type in

```
java com.company.UDPServer 127.0.0.1 6789
```

In other words

```
java com.compant.UDPServer [local address] [port number]
```

In the second terminal type in

```
java com.company.UDPCClient "Hello World" 127.0.0.1 6789
```

In other words

```
java com.company.UDPCClient [message] [address] [port]
```

## Using the GUI

You will interact with the GUI that says "Client".

In the text box, you can type in a message to send to the server

When you press send, look at the command line interfaces as well as the "Server" GUI to see changes.

## Authors

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