Output:


```
C:\Windows\System32\cmd.exe - java  UDPServer.java

Microsoft Windows [Version 10.0.19045.5737]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo\RahitaShakya\np\Chapter10\src\main>java UDPServer.java
UDP Server is running and waiting for client...
Client says: hello rahita
```



```
C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.19045.5737]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo\RahitaShakya\np\Chapter10\src\main>java UDPClients.java
Enter message for server: hello rahita
Server replied: Received: hello rahita

C:\Users\Lenovo\RahitaShakya\np\Chapter10\src\main>
```

Output:

```
C:\Users\Lenovo\RahitaShakya\np\Chapter10\src\main>java PacketSendDemo.java
Packet sent.

C:\Users\Lenovo\RahitaShakya\np\Chapter10\src\main>
```

```
Microsoft Windows [Version 10.0.19045.5737]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo\RahitaShakya\np\Chapter10\src\main>java PacketReceiveDemo.java
Bidning to local port 1023
Bound to local port1023
```
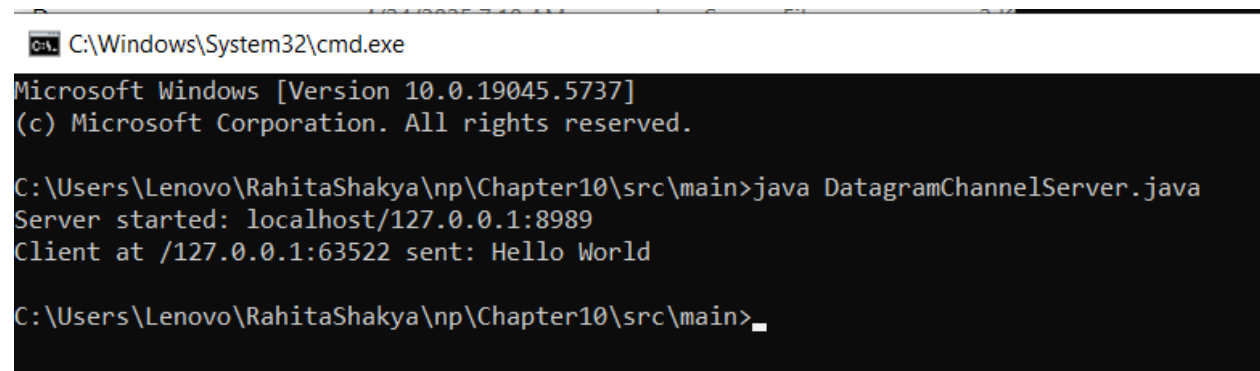
Output:


```
C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.19045.5737]
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C:\Users\Lenovo\RahitaShakya\np\Chapter10\src\main>java DatagramChannelServer.java
Server started: localhost/127.0.0.1:8989
Client at /127.0.0.1:63522 sent: Hello World

C:\Users\Lenovo\RahitaShakya\np\Chapter10\src\main>
```

Output:

```
C:\Users\Lenovo\RahitaShakya\np\Chapter11\src\main>java MulticastSender.java
Sent: Hello from multicast sender!
Sent: Meow Meow`.
Sent: Hoping for the best
Sent: Goodbye!
All messages sent.

C:\Users\Lenovo\RahitaShakya\np\Chapter11\src\main>
```

```
C:\Windows\System32\cmd.exe - java  MultiCastSniffer.java 230.0.0.1 4446                      —    □

Microsoft Windows [Version 10.0.19045.5737]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo\RahitaShakya\np\Chapter11\src\main>java MultiCastSniffer.java 230.0.0.1 4446
MultiCastSniffer.java:21: warning: [deprecation] joinGroup(InetAddress) in MulticastSocket has been deprecated
            ms.joinGroup(group);
              ^
MultiCastSniffer.java:35: warning: [deprecation] leaveGroup(InetAddress) in MulticastSocket has been deprecated
                ms.leaveGroup(group);
                  ^
2 warnings
Listening on /230.0.0.1:4446
```

Output:

```
C:\Users\Lenovo\RahitaShakya\np\Chapter12\src\main>java Server java
Server ready
Hello, this is a message from the server!
```

```
C:\Users\Lenovo\RahitaShakya\np\Chapter12\src\main>java Client.java
```