

1.

```
C:\Users\csali>cd C:\Users\csali\Desktop\lab6\src
C:\Users\csali\Desktop\lab6\src>javac EchoClient.java
C:\Users\csali\Desktop\lab6\src>java EchoClient
Hello!
Echo from Server: Hello!
We are communicating via TCP/IP!!
Echo from Server: We are communicating via TCP/IP!!
Really cool!
Echo from Server: Really cool!
Bye
Echo from Server: Bye

C:\Users\csali>cd C:\Users\csali\Desktop\lab6\src
C:\Users\csali\Desktop\lab6\src>javac EchoServer.java
C:\Users\csali\Desktop\lab6\src>java EchoServer
Listening for connection ...
Connection successful
Listening for input...
Message from client: Hello!
Message from client: We are communicating via TCP/IP!!
Message from client: Really cool!
Message from client: Bye
```

2.

```
C:\Users\csali\Desktop\lab6\src>javac EchoClient.java
C:\Users\csali\Desktop\lab6\src>java EchoClient
Hello!
Echo from Server: Hello!
What time is it?
Echo from Server: Sat Nov 09 14:42:53 AST 2019
Bye
Echo from Server: What time is it?

C:\Users\csali\Desktop\lab6\src>java EchoDateServer
Listening for connection ...
Connection successful
Listening for input...
Message from client: Hello!
Message from client: What time is it?
Message from client: Bye
C:\Users\csali\Desktop\lab6\src>
```

3.

```
C:\Users\csali\Desktop\lab6\src>java EchoClient
Hello!
Echo from Server: Hello!
I need help
Echo from Server: I need help
Find IP
Echo from Server: Enter host name (Do not include http or https)
www.dal.ca
Echo from Server: www.dal.ca/151.139.245.27
Thanks
Echo from Server: Thanks
Bye

C:\Users\csali\Desktop\lab6\src>java IPFinderServer
Listening for connection ...
Connection successful
Listening for input...
Message from client: Hello!
Message from client: I need help
Message from client: Thanks
C:\Users\csali\Desktop\lab6\src>
```

4.

```
C:\Users\csali\Desktop\lab6\src>java GuessTheNumberServer
Listening for connection ...
Connection successful
Listening for input...
Message from client: Play?
Message from client: 20
Message from client: 20

C:\Users\csali\Desktop\lab6\src>javac GuessTheNumberServer.java
C:\Users\csali\Desktop\lab6\src>java GuessTheNumberServer
Listening for connection ...
Connection successful
Listening for input...
Message from client: Play?
Message from client: Play?
Message from client: 20
Message from client: 30
Message from client: 50
Message from client: 70
Message from client: 60
Message from client: 67
Message from client: 65

C:\Users\csali\Desktop\lab6\src>javac EchoClient.java
C:\Users\csali\Desktop\lab6\src>java EchoClient
Play?
Echo from Server: I have number between 0 and 100, can you guess it
20
Echo from Server: Guess lower
30
Echo from Server: Guess lower
50
Echo from Server: Guess lower
70
Echo from Server: Guess higher
60
Echo from Server: Guess lower
67
Echo from Server: Guess higher
65
Echo from Server: You got it

//close all the connections
```