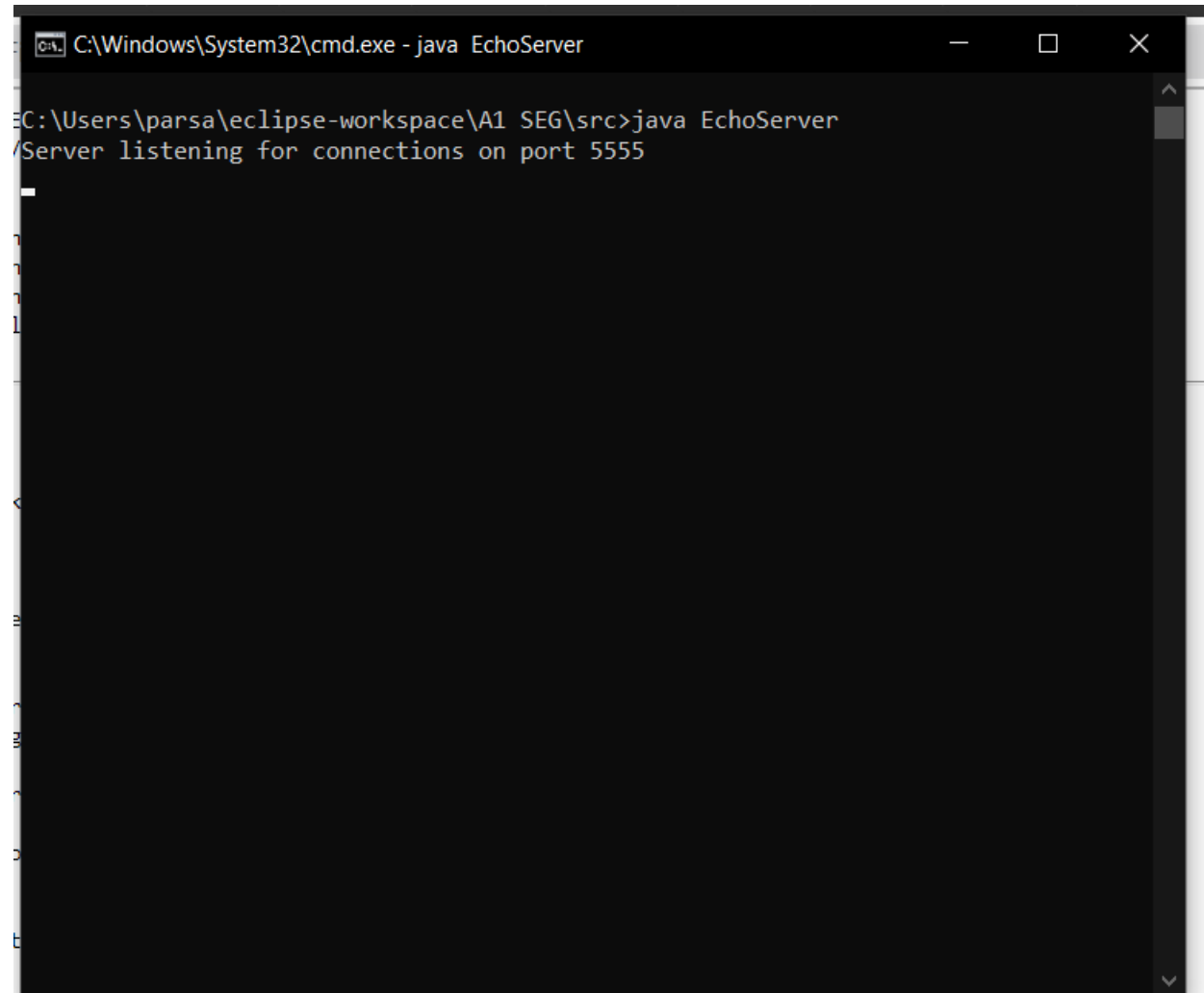


Testcase 2001:

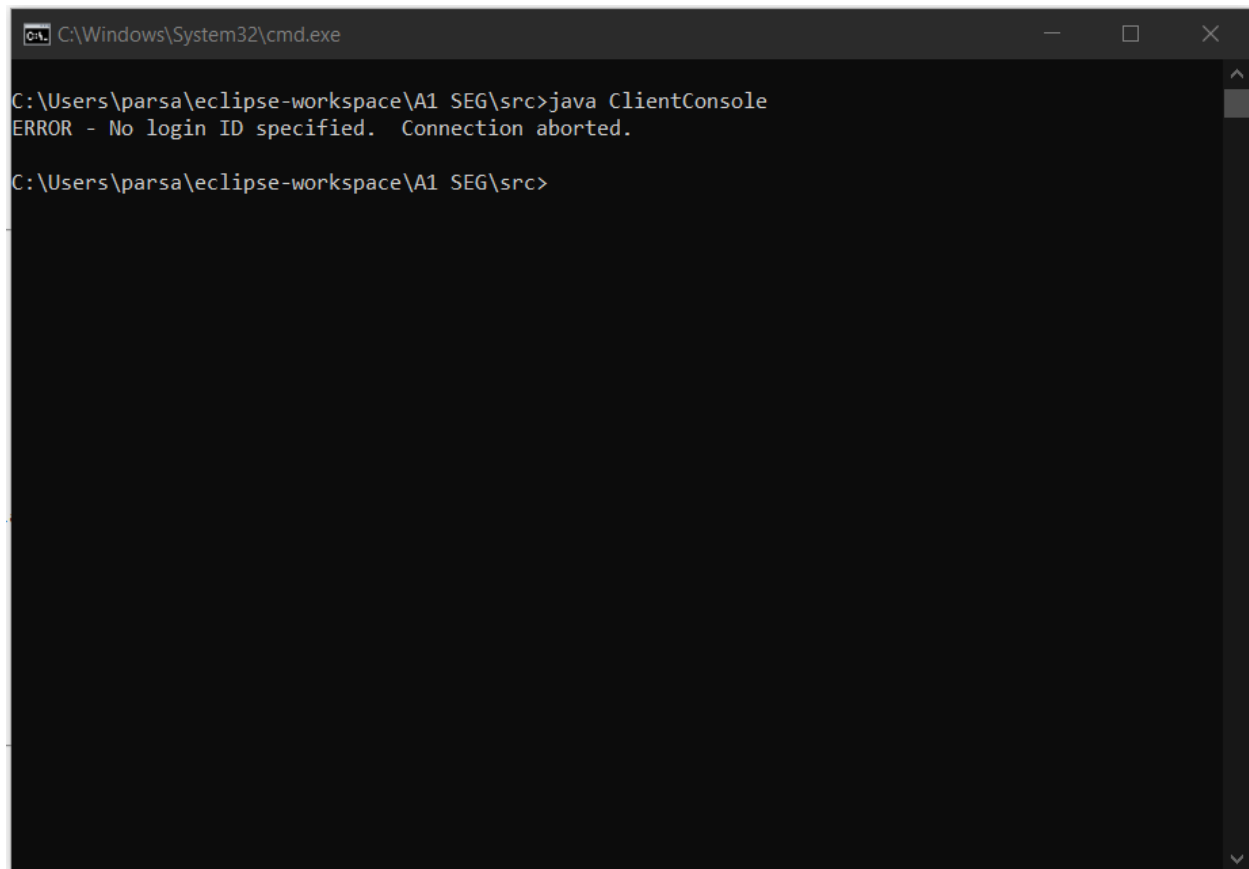


A screenshot of a Windows command prompt window. The title bar at the top reads "C:\Windows\System32\cmd.exe - java EchoServer". The window has standard minimize, maximize, and close buttons. The command prompt shows the following text:

```
C:\Users\parsa\eclipse-workspace\A1 SEG\src>java EchoServer  
Server listening for connections on port 5555
```

The rest of the window is empty, with a vertical scrollbar on the right side.

Testcase 2002:



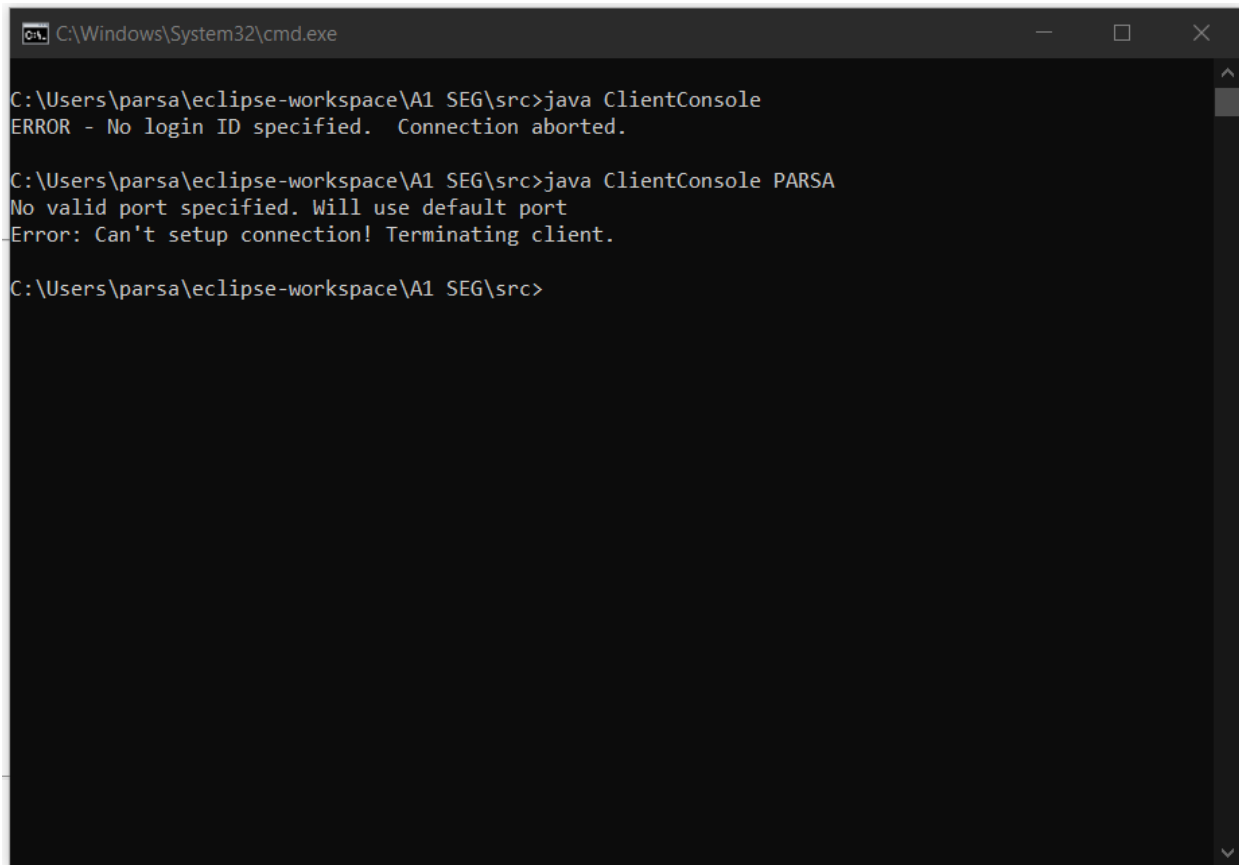
```
C:\Windows\System32\cmd.exe

C:\Users\parsa\eclipse-workspace\A1 SEG\src>java ClientConsole
ERROR - No login ID specified. Connection aborted.

C:\Users\parsa\eclipse-workspace\A1 SEG\src>
```

The image shows a Windows command prompt window with a dark background. The title bar at the top reads "C:\Windows\System32\cmd.exe" and includes standard window control buttons (minimize, maximize, close). The command prompt shows the current directory as "C:\Users\parsa\eclipse-workspace\A1 SEG\src". The user has entered the command "java ClientConsole", which has resulted in an error message: "ERROR - No login ID specified. Connection aborted." The prompt is now ready for the next command.

Testcase 2003:



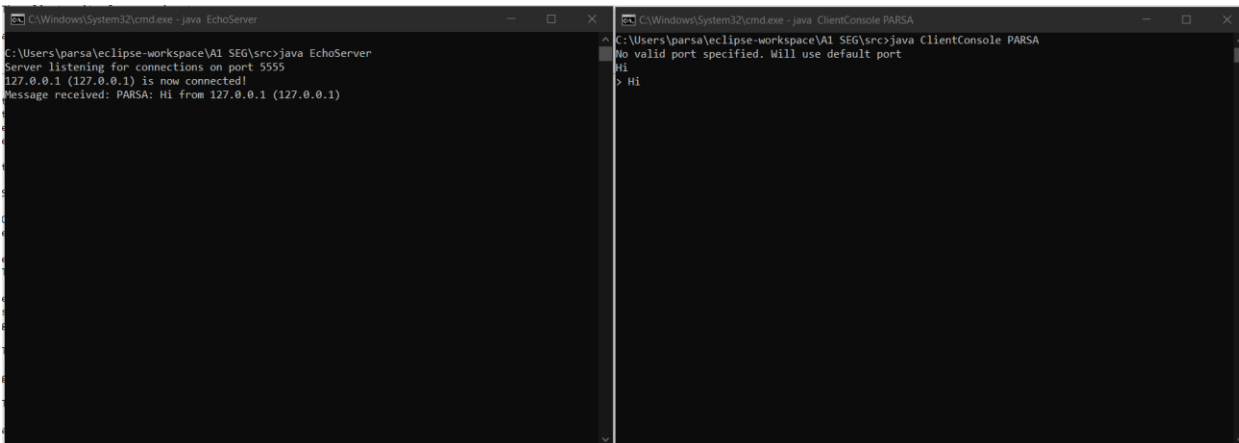
```
C:\Windows\System32\cmd.exe

C:\Users\parsa\eclipse-workspace\A1 SEG\src>java ClientConsole
ERROR - No login ID specified. Connection aborted.

C:\Users\parsa\eclipse-workspace\A1 SEG\src>java ClientConsole PARSA
No valid port specified. Will use default port
Error: Can't setup connection! Terminating client.

C:\Users\parsa\eclipse-workspace\A1 SEG\src>
```

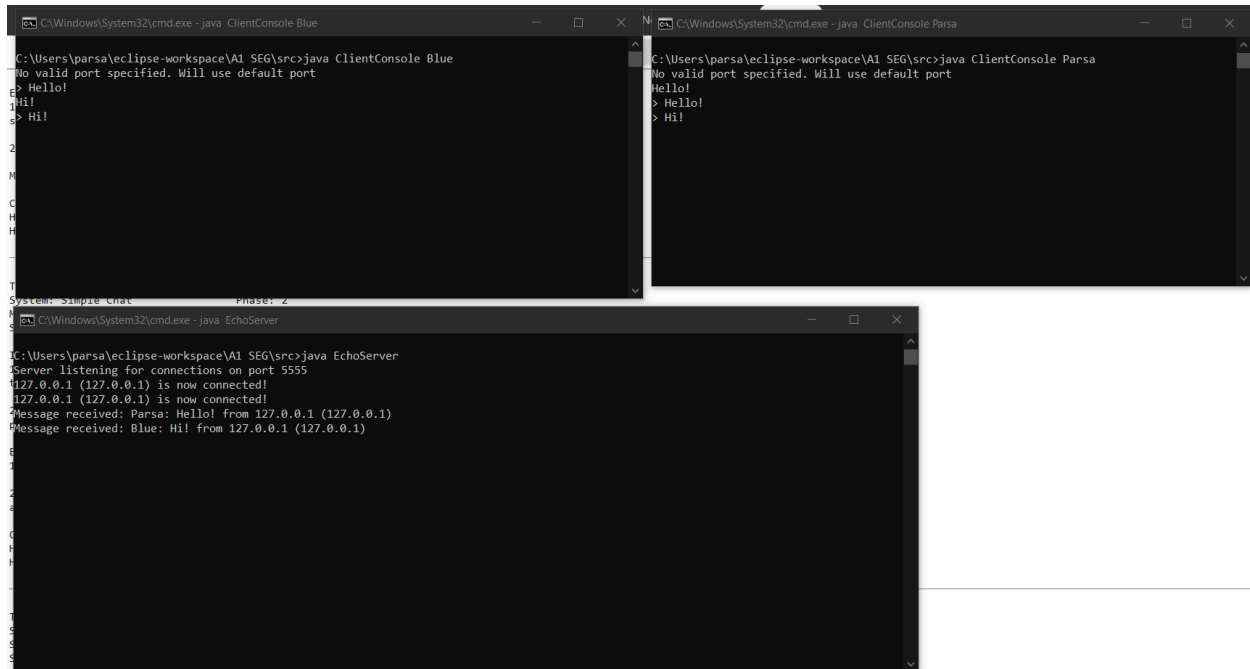
Testcases 2004 and 2005:



```
C:\Windows\System32\cmd.exe - java EchoServer
C:\Users\parsa\eclipse-workspace\A1 SEG\src>java EchoServer
Server listening for connections on port 5555
127.0.0.1 (127.0.0.1) is now connected!
Message received: PARSA: Hi from 127.0.0.1 (127.0.0.1)

C:\Windows\System32\cmd.exe - java ClientConsole PARSA
C:\Users\parsa\eclipse-workspace\A1 SEG\src>java ClientConsole PARSA
No valid port specified. Will use default port
Hi
> Hi
```

Testcase 2006:

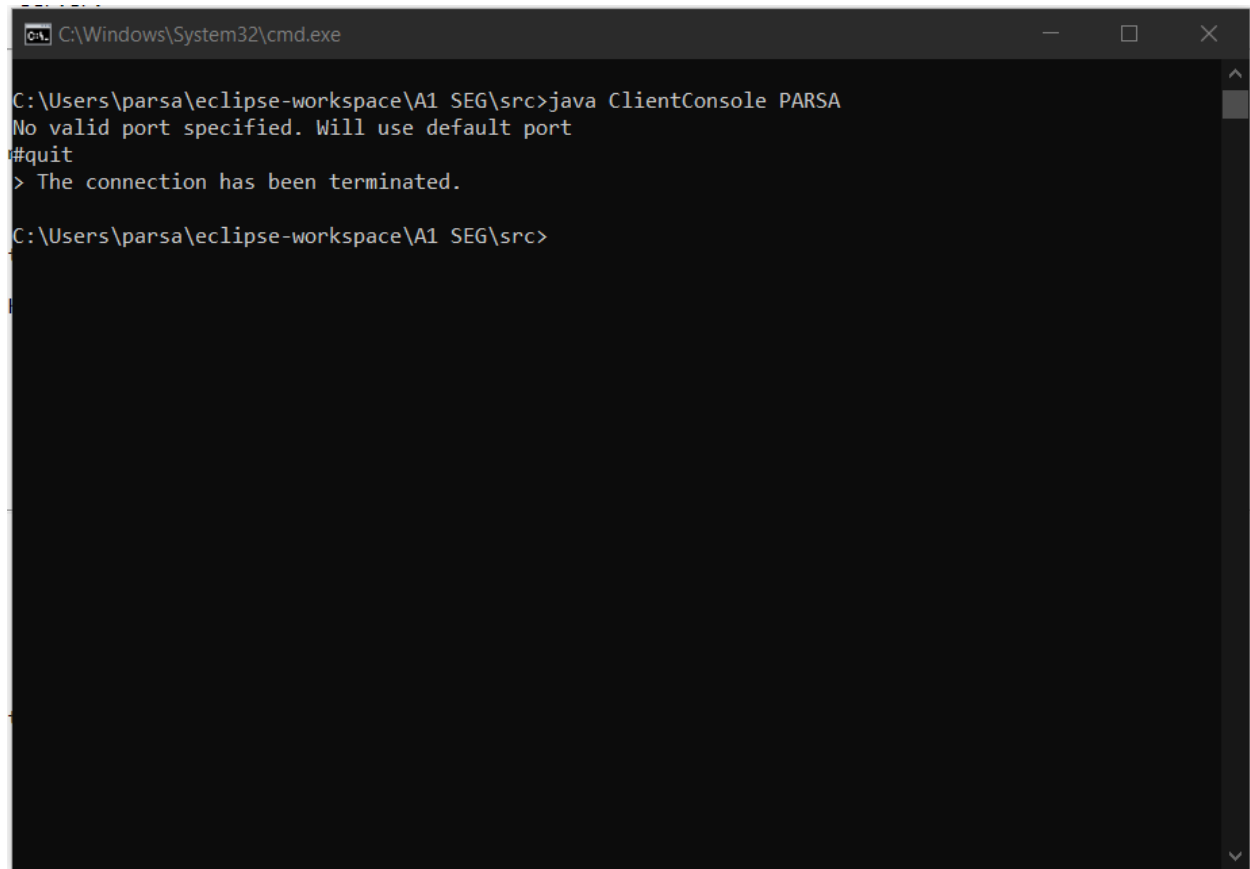


```
C:\Windows\System32\cmd.exe - java ClientConsole Blue
C:\Users\parsa\eclipse-workspace\A1 SEG\src>java ClientConsole Blue
No valid port specified. Will use default port
> Hello!
Hi!
> Hi!

C:\Windows\System32\cmd.exe - java ClientConsole Parsa
C:\Users\parsa\eclipse-workspace\A1 SEG\src>java ClientConsole Parsa
No valid port specified. Will use default port
> Hello!
> Hi!

C:\Windows\System32\cmd.exe - java EchoServer
C:\Users\parsa\eclipse-workspace\A1 SEG\src>java EchoServer
Server listening for connections on port 5555
127.0.0.1 (127.0.0.1) is now connected!
127.0.0.1 (127.0.0.1) is now connected!
Message received: Parsa: Hello! from 127.0.0.1 (127.0.0.1)
Message received: Blue: Hi! from 127.0.0.1 (127.0.0.1)
```

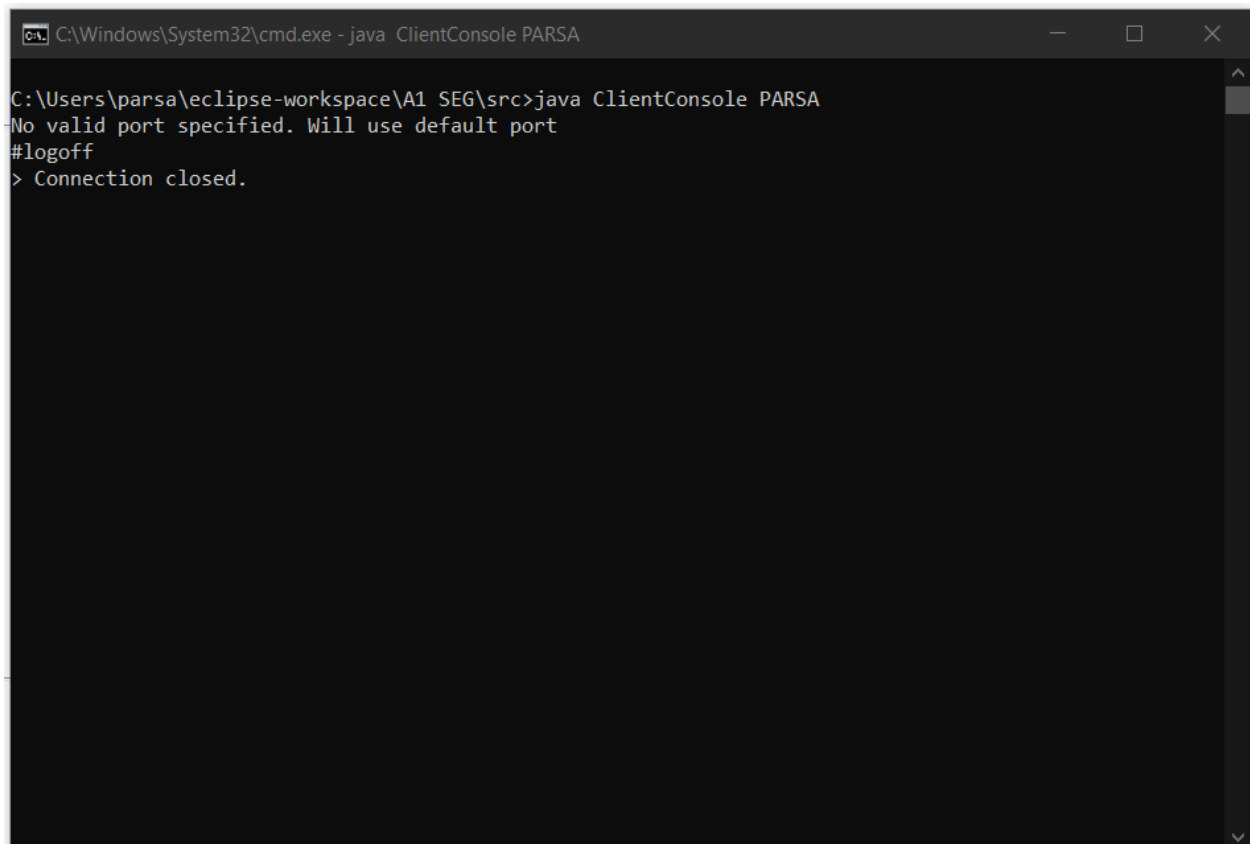
Testcase 2010:



```
C:\Windows\System32\cmd.exe
C:\Users\parsa\eclipse-workspace\A1 SEG\src>java ClientConsole PARSA
No valid port specified. Will use default port
#quit
> The connection has been terminated.

C:\Users\parsa\eclipse-workspace\A1 SEG\src>
```

Testcase 2011:

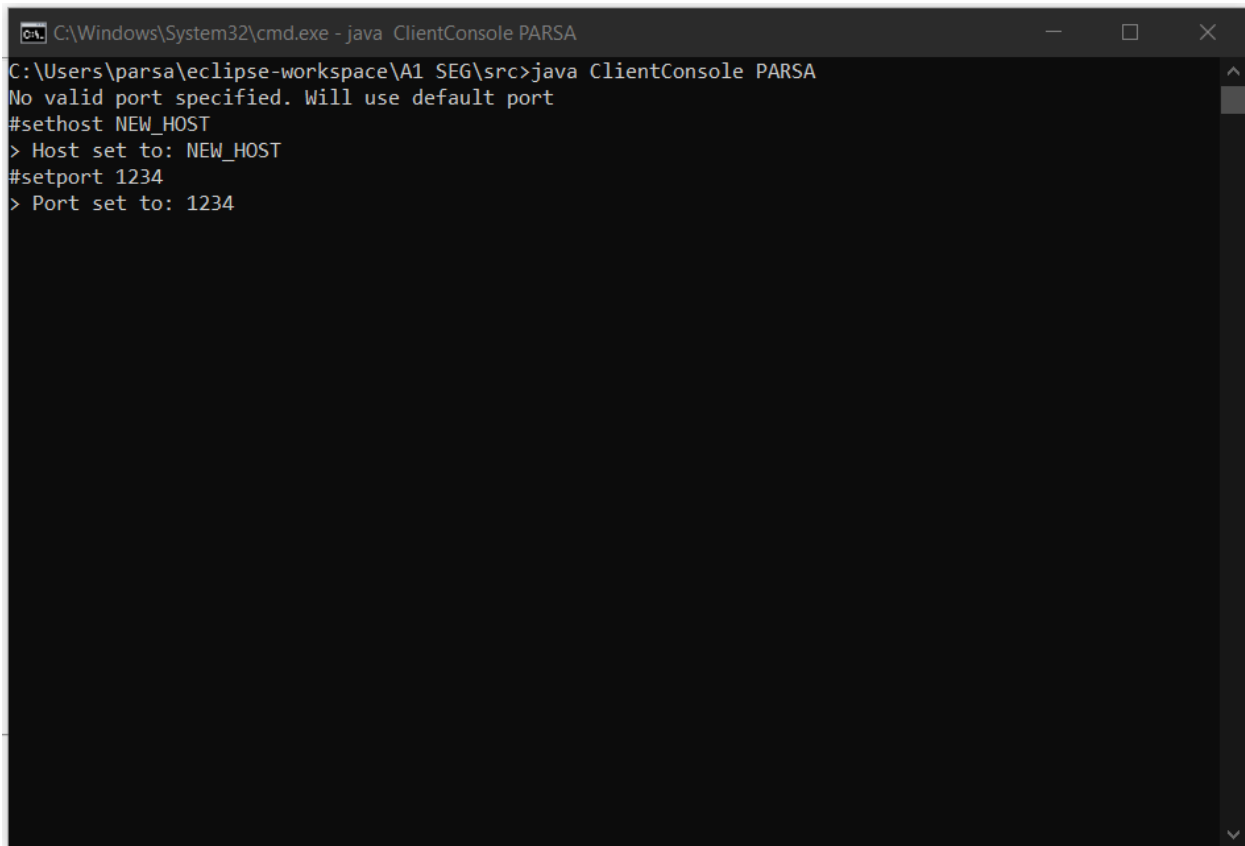


```
C:\Windows\System32\cmd.exe - java ClientConsole PARSA

C:\Users\parsa\eclipse-workspace\A1 SEG\src>java ClientConsole PARSA
No valid port specified. Will use default port
#logoff
> Connection closed.
```

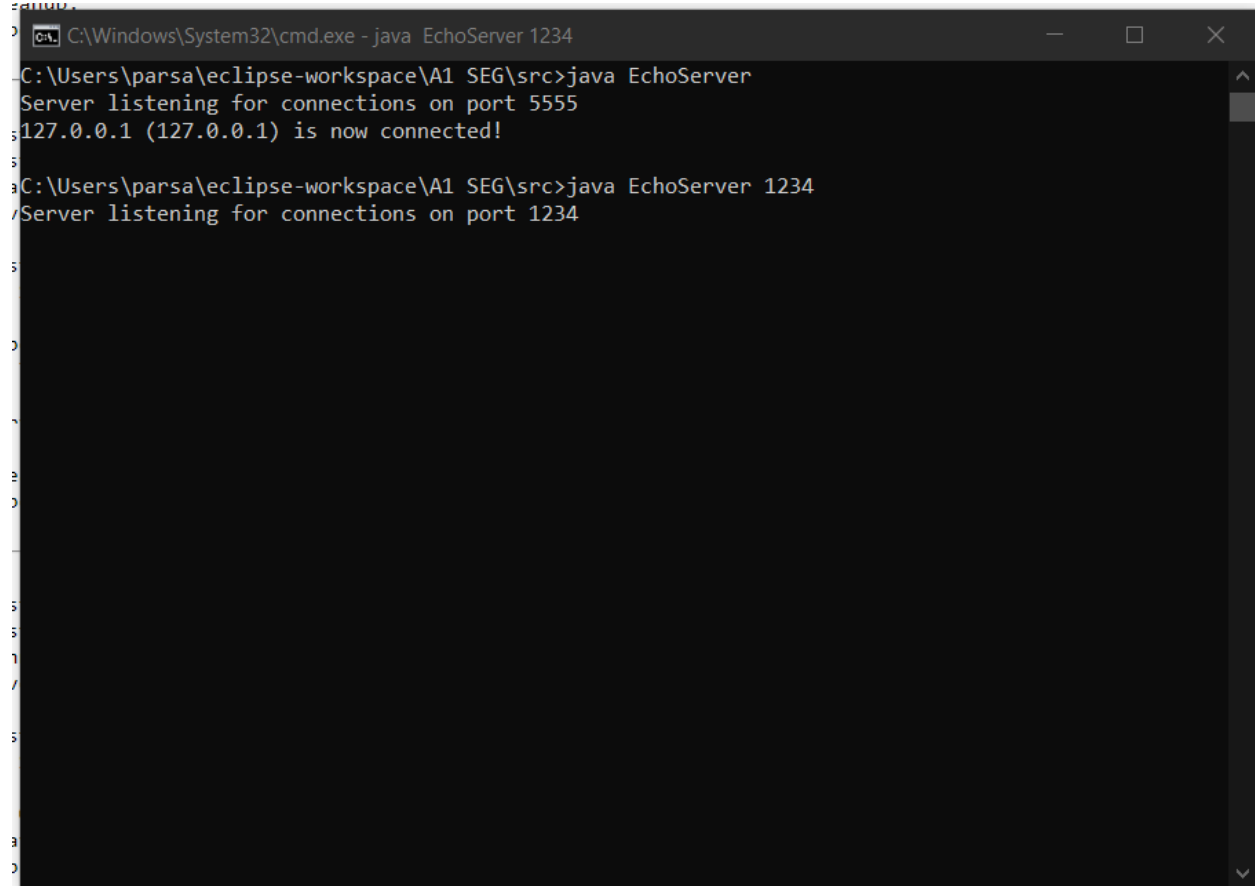
The image shows a Windows command prompt window with a dark background. The title bar at the top reads "C:\Windows\System32\cmd.exe - java ClientConsole PARSA". The command prompt shows the user running the command "java ClientConsole PARSA" from the directory "C:\Users\parsa\eclipse-workspace\A1 SEG\src". The output of the command is displayed on the next three lines: "No valid port specified. Will use default port", "#logoff", and "> Connection closed.". A vertical scrollbar is visible on the right side of the command prompt window.

Testcase 2012:



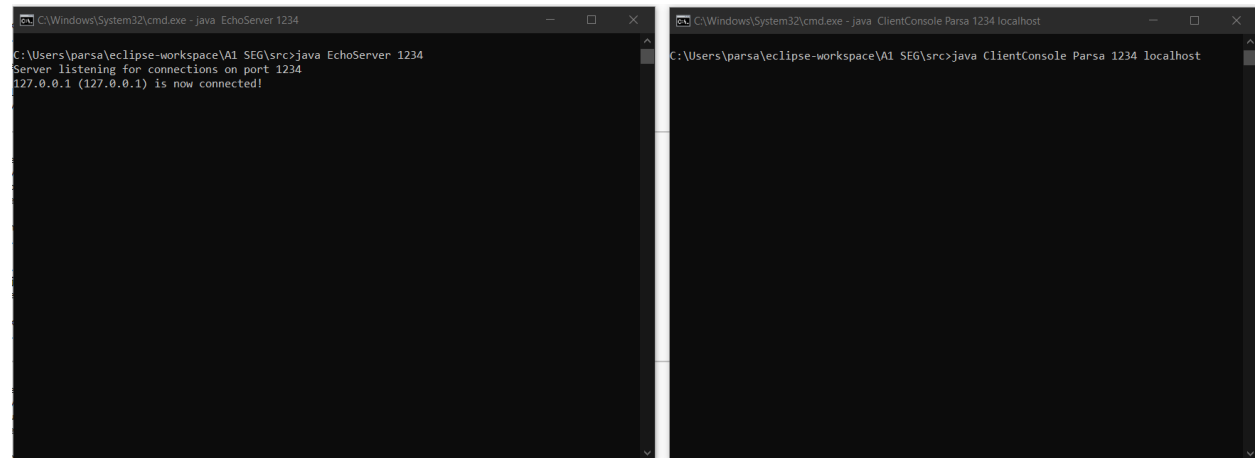
```
C:\Windows\System32\cmd.exe - java ClientConsole PARSA
C:\Users\parsa\eclipse-workspace\A1_SEG\src>java ClientConsole PARSA
No valid port specified. Will use default port
#sethost NEW_HOST
> Host set to: NEW_HOST
#setport 1234
> Port set to: 1234
```

Testcase 2013:



```
C:\Windows\System32\cmd.exe - java EchoServer 1234
C:\Users\parsa\eclipse-workspace\A1 SEG\src>java EchoServer
Server listening for connections on port 5555
127.0.0.1 (127.0.0.1) is now connected!
C:\Users\parsa\eclipse-workspace\A1 SEG\src>java EchoServer 1234
Server listening for connections on port 1234
```

Testcase 2014:



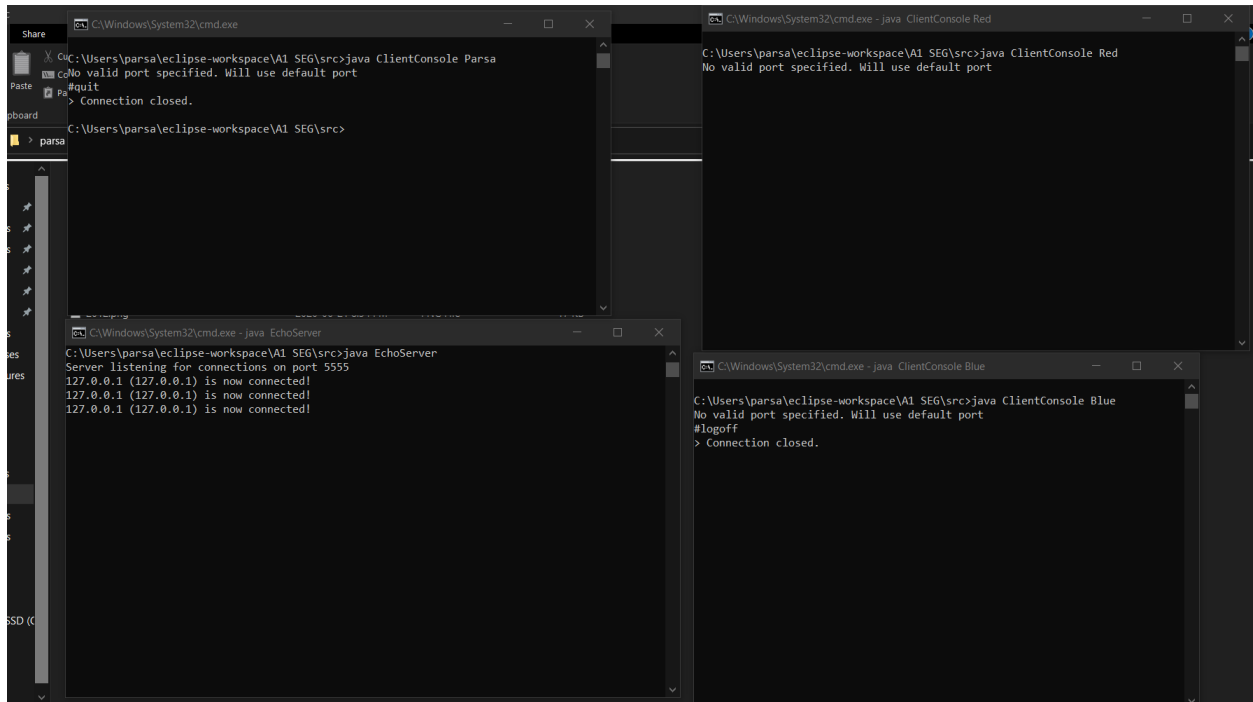
```
C:\Windows\System32\cmd.exe - java EchoServer 1234
C:\Users\parsa\eclipse-workspace\A1 SEG\src>java EchoServer 1234
Server listening for connections on port 1234
127.0.0.1 (127.0.0.1) is now connected!

C:\Windows\System32\cmd.exe - java ClientConsole Parsa 1234 localhost
C:\Users\parsa\eclipse-workspace\A1 SEG\src>java ClientConsole Parsa 1234 localhost
```

Testcase 2015: I do not have access to several devices

Testcase 2016: I do not have access to several devices

Testcase 2017:



The screenshot displays four overlapping Windows command prompt windows. The top-left window, titled 'C:\Windows\System32\cmd.exe', shows the execution of 'java ClientConsole Parsa', resulting in 'No valid port specified. Will use default port', '#quit', and '> Connection closed.'. The top-right window, titled 'C:\Windows\System32\cmd.exe - java ClientConsole Red', shows 'C:\Users\parsa\workspace\A1 SEG\src>java ClientConsole Red' and 'No valid port specified. Will use default port'. The bottom-left window, titled 'C:\Windows\System32\cmd.exe - java EchoServer', shows 'C:\Users\parsa\workspace\A1 SEG\src>java EchoServer', 'Server listening for connections on port 5555', and two successful connection messages: '127.0.0.1 (127.0.0.1) is now connected!'. The bottom-right window, titled 'C:\Windows\System32\cmd.exe - java ClientConsole Blue', shows 'C:\Users\parsa\workspace\A1 SEG\src>java ClientConsole Blue', 'No valid port specified. Will use default port', '#logoff', and '> Connection closed.'.

```
C:\Windows\System32\cmd.exe
C:\Users\parsa\workspace\A1 SEG\src>java ClientConsole Parsa
No valid port specified. Will use default port
#quit
> Connection closed.

C:\Windows\System32\cmd.exe - java ClientConsole Red
C:\Users\parsa\workspace\A1 SEG\src>java ClientConsole Red
No valid port specified. Will use default port

C:\Windows\System32\cmd.exe - java EchoServer
C:\Users\parsa\workspace\A1 SEG\src>java EchoServer
Server listening for connections on port 5555
127.0.0.1 (127.0.0.1) is now connected!
127.0.0.1 (127.0.0.1) is now connected!

C:\Windows\System32\cmd.exe - java ClientConsole Blue
C:\Users\parsa\workspace\A1 SEG\src>java ClientConsole Blue
No valid port specified. Will use default port
#logoff
> Connection closed.
```

Testcase 2018: I do not have access to different platforms

Testcase 2019: I do not have access to different platforms