Assignment 8 - Enda Kilgarriff - 17351606

File system before server and client data transfer

> Enda Kilgarriff > OneDrive - National University of Ireland, Galway > Engineering > Engineering Year3 > Programming 3 > Assignments > A8 > src > Client

Name	Status	Date modified	Type	Size
Client	✓ ♁	24/11/2019 20:04	CLASS File	3 KB
Client	✓ ♁	24/11/2019 20:03	JAVA File	4 KB
ClientData	✓ ♁	24/11/2019 17:29	Text Document	1 KB

> Enda Kilgarriff > OneDrive - National University of Ireland, Galway > Engineering > Engineering Year3 > Programming 3 > Assignments > A8 > src > Server

Name	Status	Date modified	Type	Size
ClientHandler	✓ ♁	24/11/2019 20:04	CLASS File	3 KB
Server	✓ ♁	24/11/2019 20:04	CLASS File	1 KB
Server	✓ ♁	24/11/2019 20:03	JAVA File	5 KB
ServerData	✓ ♁	24/11/2019 18:55	Text Document	1 KB

Input and output from console showing flow for files to/from client/server

Command Prompt - java Server

```
C:\Users\Enda Kilgarriff\OneDrive - National University of Ireland, Galway\Engineering\Engineering Year3
\Programming 3\Assignments\A8\src\Server>java Server
Setting up server...
Client Connected

Setting up server...
Upload/Download: -u
Name of file: ClientData.txt
Server receiving file from client - File:ClientData.txt
File uploaded from client

Client Connected

Setting up server...
Upload/Download: -d
Name of file: ServerData.txt
Server sending file to client - File: ServerData.txt
File sent to client
```
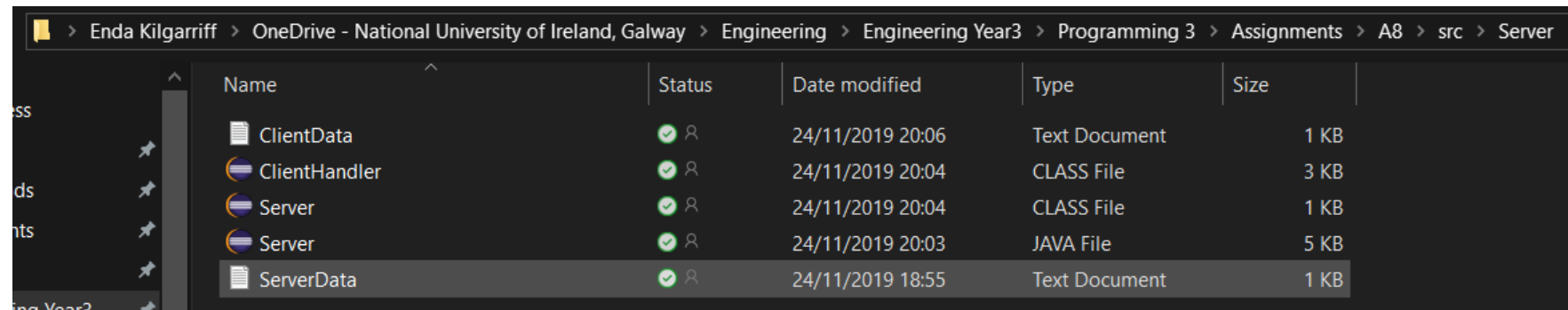
Command Prompt

```
C:\Users\Enda Kilgarriff\OneDrive - National University of Ireland, Galway\Engineering\Engineering Year3
\Programming 3\Assignments\A8\src\Client>java Client 127.0.0.1 4444 -u ClientData.txt
IPAddress: 127.0.0.1
Port :4444
Connected to Server
Uploading file from client to server
File Uploaded to server

C:\Users\Enda Kilgarriff\OneDrive - National University of Ireland, Galway\Engineering\Engineering Year3
\Programming 3\Assignments\A8\src\Client>java Client 127.0.0.1 4444 -d ServerData.txt
IPAddress: 127.0.0.1
Port :4444
Connected to Server
Downloading file from server to client
File downloaded from server

C:\Users\Enda Kilgarriff\OneDrive - National University of Ireland, Galway\Engineering\Engineering Year3
\Programming 3\Assignments\A8\src\Client>
```
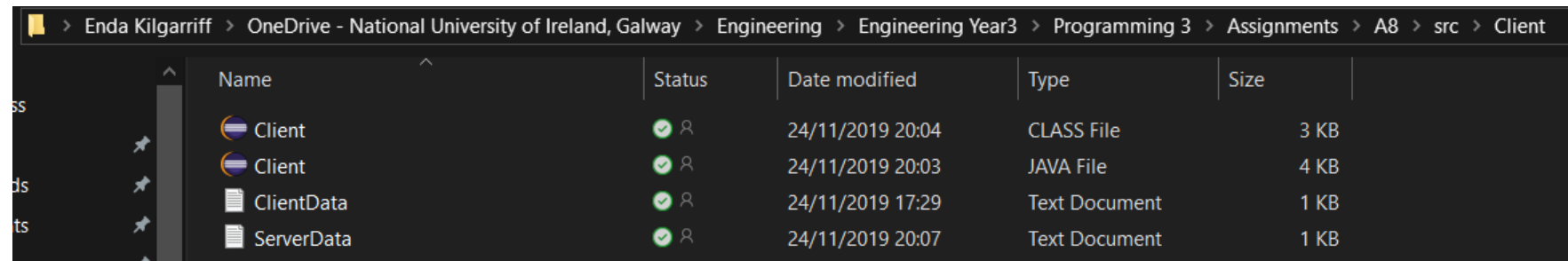
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File system after connection

Enda Kilgarriff > OneDrive - National University of Ireland, Galway > Engineering > Engineering Year3 > Programming 3 > Assignments > A8 > src > Server

Name	Status	Date modified	Type	Size
ClientData		24/11/2019 20:06	Text Document	1 KB
ClientHandler		24/11/2019 20:04	CLASS File	3 KB
Server		24/11/2019 20:04	CLASS File	1 KB
Server		24/11/2019 20:03	JAVA File	5 KB
ServerData		24/11/2019 18:55	Text Document	1 KB

Enda Kilgarriff > OneDrive - National University of Ireland, Galway > Engineering > Engineering Year3 > Programming 3 > Assignments > A8 > src > Client

Name	Status	Date modified	Type	Size
Client		24/11/2019 20:04	CLASS File	3 KB
Client		24/11/2019 20:03	JAVA File	4 KB
ClientData		24/11/2019 17:29	Text Document	1 KB
ServerData		24/11/2019 20:07	Text Document	1 KB