Test Cases

1. 2048 Bytes
   The file gets transmitted by 5 blocks. (512B block * 4 and one 0B block)


```
RRQ received, filename: Test1.txt mode: netascii
1: Result is 512
Sent first block successfully.
ACK 1 received
Expected ACK has arrived
ACK 2 received
Expected ACK has arrived
ACK 3 received
Expected ACK has arrived
ACK 4 received
Expected ACK has arrived
ACK 5 received
Expected ACK has arrived
SERVER: Full file is sent and connection is closed.

--------------------------------------------------------------------

[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (22:24:35 10/14/23)
:: tftp 127.0.0.1 2222
tftp> get Test1.txt
tftp>
```



```
[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (22:24:26 10/14/23)
:: ls
34MB.txt   Test1.txt   Test4.bin

[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (22:24:46 10/14/23)
:: ls -al
total 88904
drwx------. 2 kdu1113 1001409        80 Oct 14 22:24 .
drwx------. 3 kdu1113 1001409       300 Oct 14 22:23 ..
-rwxrw-r--. 1 kdu1113 1001409 35651584 Oct 14 20:29 34MB.txt
-rwx------. 1 kdu1113 100140      2048 Oct 14 22:24 Test1.txt
-rwx------. 1 kdu1113 1001409 35651584 Oct 14 22:19 Test4.bin

[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (22:24:48 10/14/23)
:: cat Test1.txt
PcqSnb0X0yE4gAzqjaxNuQ55BUhLFRGNZJVlMZhSRpP6ZTxqSNx2BnE82YfKBPz9iCNShjbfSl9ScgrZmdUkIDrjrKyaIhG5bZaIT5APkvHOZIfGuMoKQopaCuVRi3zkY0yz4op
xk8bEtnBqHoT6adAXG6abdVLlYMHbysmfyrhKMJxb5cpCMm6ZGxKt6l5j1R3lYa6zbK804UmenbL6knxjPua5lKW0Al5AJDdtLmGodevCIHt2VhSGwhA1Um5jZzRnb5rVdnICp6
rFAB8XUf39VcWxrr3iYH4JIJXCZFtGELa9x9EWYlQHxrkuvQR156s9YuvYSGdwwIrXCZELON0MQN1PtPlMaNFULrSZ8lP1TulIzKs94HbUDhk4XxL01iE3eaUT2eGFoq6AZptkp
40zTfL3DQzMYvrSw0deDX35OLfD3JequcnU8wc37GsELvNqKIdFB78ZJkJi94ZGRfbARSLR0llZmPfPULG9wagTRwi5H9SUW6wbPlvP2iRpytKgEBrxfTw51trol9cISqlbvXpx
1i6IuryoVLzhWpo0v4iTpI1NkYXDEbl01GUOvSmkD7bHcDIYRdp2kcaD96MBAKKHIus37HU5zLDJQXzY65bB4pitrXOCO7z6bHpb7Z9KefDw4yEf0oJG7vD49gYKvHuTa1wKsJ7
Y1BppkSpp3frZqrnQPWNVrJodWCa6czyV3UrxQPe2yGdXamqdH0wodFNuc1q524UnJqmeJgbxKyAlO1XiZIREni559ptPLfsWEiuMgsMWqdGuBosxM5QPQnf82kdtIkVL2LzVGG
WJHarFqDCYXx4ADO0PGkjXcC3ZIqqb9ABDJiHr1TbATX9NVO7BF0vLXmkUnWHAKYbonzkib7QbQLAyTZFS6C7poVdWnYahKsj2iBiGidFDxwaYiawkENF56hwXaejcI5dKsEoPT
R1VPWbCDH6RpYMQEtOmf9fTRgXKEhupRYWgPpW8hEcGEeYo9hxKm812bExQV6N4iL1S8EyrSZIrOCGg1kpboMskVCWCD818bXwNtX9KLPRCAnw4tuo7QvAr7nKc8gCIKn2diig6
ag1DVIJVhHifWU6VW9aK3ZWviK3d7TIRT1PbGD1k3vhNZ9cUY0l5yCWVeL298Rm5sKKE5CUxPq1RgGawHJvSYKJa1npqLKnat8c058JgNm1nnTzukWhAEXkvQk7k1a6RSNafNH5
ZpSDoCZzNN97UZkAexmA6dvpX7N5PJwUClH51SG9Bs1bFNrd6smXAQA2lB2y1Fs6uohXu5dgLdhXhF19s6F2zur5bA6BSGJQSQVxa4BC5NpglvlT95xX9DGmCcba8lcydTr96WQ
nysncHLmmIu1pkpLEAqzY60RFjbNsxalQr5RlPYmArAeu1Z6ePjdiQrTDs5FQ5UiTv6NB0AVEzNdE5QcJqOcqivLjboynKXKWJtNyguq3UweqfugpCBCAUKBdOAlZO3VDYmUNQ9
QDm4XQzZZR9TNDsNwJNh8RiHw0miBLzsWt4H1hbXqt7DxGVuTYMOHUYmilxU684LJVTriloc6DseLuMkN9qx9iXNl2QhToB0bfRhEhFzDxiWkEkb6FQFjNmW5q0mXVdZDg7rcAU
KOgmgghTzW4BYZJJ5rgDGJpkGQhG6CiLkuMeAmoj1bzY26hsHXiWmxXqMNJblITnqGAhbUBg8q32VuoxuvC6i01Q7aPwTK2sRpRlSEs3ofq6C6myaMHNwNqxRxy19mdXVB56WEB
GuCKTWqsFoy5sl7Bhmxm3XZT2rlb0Mx5uUL4CplZZJBSbOk5j2yxLMHMHafthOd7dcS3SK2MYrVOgDjSreRgqLCK4kG2XPT0nFMtjZibn3S1dJXBAlGX97AFOxj4wQiGcM1IKvd
RWYkFX7d16oQF1ZNSLguaAFGdWiZpTpkzgmK5zuScfUQelZuF6RtooKagAhpnSKSwfOXKDIyDP9Jtc1v3JmmJPtZaLpX5mPu1yxKZskEVaipe62he49OQlcxSXjKZYjmA4v66DZ
czrdRIsAGyyFbxGYfcJKDD
```

2. 2047 Bytes

   The file gets transmitted by 4 blocks. (512B block * 3 and one 511B block)

```
RRQ received, filename: Test2.txt mode: netascii
1: Result is 512
Sent first block successfully.
ACK 1 received
Expected ACK has arrived
ACK 2 received
Expected ACK has arrived
ACK 3 received
Expected ACK has arrived
ACK 4 received
Expected ACK has arrived
SERVER: Full file is sent and connection is closed.

-------------------------------------------------------

[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (22:30:00 10/14/23)
:: tftp 127.0.0.1 2222
tftp> get Test2.txt
```

```
[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (22:30:13 10/14/23)
:: ls -al
total 88952
drwx------. 2 kdu1113 1001409      107 Oct 14 22:27 .
drwx------. 3 kdu1113 1001409      300 Oct 14 22:28 ..
-rwxrw-r--. 1 kdu1113 1001409 35651584 Oct 14 20:29 34MB.txt
-rwx------. 1 kdu1113 1001409     2048 Oct 14 22:27 Test1.txt
-rwx------. 1 kdu1113 1001409     2047 Oct 14 22:30 Test2.txt
-rwx------. 1 kdu1113 1001409 35651584 Oct 14 22:19 Test4.bin

[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (22:30:20 10/14/23)
:: cat Test2.txt
```

PcqSnb0X0yE4gAzqjaxNuQ55BUhLFRGNZJVlMZhSRpP6ZTxqSNx2BnE82YfKBPz9iCNShjbfSl9ScgrZmdUkIDrjrKyaIhG5bZaIT5APkvHOZIfGuMoKQopaCuVRi3zkY0yz4op
xk8bEtnBqHoT6adAXG6abdVLlYMHbysmfyrhKMJxb5cpCMm6ZGxKt615j1R3lYa6zbK804UmenbL6knxjPua5lKW0Al5AJDdtLmGodevCIHt2VhSGwhA1Um5jZzRnb5rVdnICp6
rFAB8XUf39VcWxrr3iYH4JIJXCZFtGELa9x9EWYlQHxrkuvQR156s9YuvYSGdwwIrXCZELON0MQN1PtPlMaNFULrSZ8lP1TulIzKs94HbUDhk4XxL01iE3eaUT2eGFoq6AZptkp
40zTfL3DQzMYvrSw0deDX35OLfD3JequcnU8wc37GsELvNqKIdFB78ZJkJi94ZGRfbARSLR0llZmPfPULG9wagTRwi5H9SUW6wbPlvP2iRpytKgEBrxfTw51trol9cISqlbvXpx
1i6IuryoVLzhWpo0v4iTpIlNkYXDEbl01GUOvSmkD7bHcDIYRdp2kcaD96MBAKKHIus37HU5zLDJQXzY65bB4pitrXOCO7z6bHpb7Z9KefDw4yEf0oJG7vD49gYKvHuTa1wKsJ7
Y1BppkSpp3frZqrnQPWNVrJodWCa6czyV3UrxQPe2yGdXamqdH0wodFNuc1q524UnJqmeJgbxKyAlO1XiZIREni559ptPLfsWEiuMgsMWqdGuBosxM5QPQnf82kdtIkVL2LzVGG
WJHarFqDCYXx4ADO0PGkjXcC3ZIqqb9ABDJiHr1TbATX9NVO7BF0vLXmkUnWHAKYbonzkib7QbQLAyTZFS6C7poVdWnYahKsj2iBiGidFDxwaYiawkENF56hwXaejcI5dKsEoPT
R1VPWbCDH6RpYMQEtOmf9fTRgXKEhupRYWgPpW8hEcGEeYo9hxKm812bExQV6N4iL1S8EyrSZIrOCGg1kpboMskVCWCD818bXwNtX9KLPRCAnw4tuo7QvAr7nKc8gCIKn2diig6
ag1DVIJVhHifWU6VW9aK3ZWviK3d7TIRT1PbGD1k3vhNZ9cUY0l5yCWVeL298Rm5sKKE5CUxPq1RgGawHJvSYKJa1npqLKnat8c058JgNm1nnTzukWhAEXkvQk7k1a6RSNafNH5
ZpSDoCZzNN97UZkAexmA6dvpX7N5PJwUC1H51SG9BslbFNrd6smXAQA2lB2y1Fs6uohXu5dgLdhXhF19s6F2zur5bA6BSGJQSQVxa4BC5NpglvlT95xX9DGmCcba8lcydTr96WQ
nysncHLmmIu1pkpLEAqzY60RFjbNsxalQr5RlPYmArAeu1Z6ePjdiQrTDs5FQ5UiTv6NB0AVEzNdE5QcJqOcqivLjboynKXKWJtNyguq3UweqfugpCBCAUKBdOAlZO3VDYmUNQ9
QDm4XQzZZR9TNDsNwJNh8RiHw0miBLzsWt4H1hbXqt7DxGVuTYMOHUYmilxU684LJVTriloc6DseLuMkN9qx9iXNl2QhToB0bfRhEhFzDxiWkEkb6FQFjNmW5q0mXVdZDg7rcAU
KOgmgghTzW4BYZJJ5rgDGJpkGQhG6CiLkuMeAmoj1bzY26hsHXiWmxXqMNJblITnqGAhbUBg8q32VuoxuvC6i0lQ7aPwTK2sRpRlSEs3ofq6C6myaMHNwNqxRxy19mdXVB56WEB
GuCKTWqsFoy5sl7Bhmxm3XZT2rlb0Mx5uUL4CplZZJBSbOk5j2yxLMHMHafthOd7dcS3SK2MYrVOgDjSreRgqLCK4kG2XPT0nFMtjZibn3S1dJXBAlGX97AFOxj4wQiGcM1IKvd
RWYkFX7d16oQF1ZNSLguaAFGdWiZpTpkzgmK5zuScfUQelZuF6RtooKagAhpnSKSwfOXKDIyDP9Jtc1v3JmmJPtZaLpX5mPu1yxKZskEVaipe62he49OQlcxSXjKZYjmA4v66DZ
czrdRIsAGyyFbxGYfcJKD

3. Netascii with two CR included

   We created a Test3.txt file on the server side, with two "CR" included. The received file is valid.

   <Original file>

```
[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3> (22:21:21 10/14/23)
:: cat Test3.txt
input_CR_by_ctrl_M
ctrl_M
12345
```

   <Client Window>

```
[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (21:49:53 10/14/23)
:: tftp 127.0.0.1 2222
tftp> get WRQ_data.txt
tftp> get Test3.txt
tftp>
```

   <Received Result>

```
[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (22:33:45 10/14/23)
:: ls -al
total 89024
drwx------. 2 kdu1113 1001409       157 Oct 14 22:33 .
drwx------. 3 kdu1113 1001409       300 Oct 14 22:28 ..
-rwxrw-r--. 1 kdu1113 1001409 35651584 Oct 14 20:29 34MB.txt
-rwx------. 1 kdu1113 1001409      2048 Oct 14 22:27 Test1.txt
-rwx------. 1 kdu1113 1001409      2047 Oct 14 22:30 Test2.txt
-rwx------. 1 kdu1113 1001409         0 Oct 14 22:33 Test3
-rwx------. 1 kdu1113 1001409        33 Oct 14 22:33 Test3.txt
-rwx------. 1 kdu1113 1001409 35651584 Oct 14 22:19 Test4.bin

[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (22:34:00 10/14/23)
:: cat Test3.txt
input_CR_by_ctrl_M
ctrl_M
12345
```

4. 34MB binary file
   We create a 32MB bin file on the server side. The RRQ request with binary mode works as expected.
   <Server, Client Window>

```
2: Result is 512
ACK 4089 received
Expected ACK has arrived
2: Result is 512
ACK 4090 received
Expected ACK has arrived
2: Result is 512
ACK 4091 received
Expected ACK has arrived
2: Result is 512
ACK 4092 received
Expected ACK has arrived
2: Result is 512
ACK 4093 received
Expected ACK has arrived
2: Result is 512
ACK 4094 received
Expected ACK has arrived
2: Result is 512
ACK 4095 received
Expected ACK has arrived
2: Result is 512
ACK 4096 received
Expected ACK has arrived
2: Result is 0
ACK 4097 received
Expected ACK has arrived
SERVER: Full file is sent and connection is closed.


[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (00:25:44 10/15/23)
:: tftp 127.0.0.1 2222
tftp> mode binary
tftp> get Test4.bin
tftp>
```

<Received Result>

```
[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (00:27:24 10/15/23)
:: ls
2047.txt  2048.txt  34MB.txt  Test3.txt  WRQ_data.txt

[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (00:27:28 10/15/23)
:: ls
2047.txt  2048.txt  34MB.txt  Test3.txt  Test4.bin  WRQ_data.txt

[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (00:27:38 10/15/23)
:: ls -al
total 135736
drwx------. 2 kdu1113 1001409      162 Oct 15 00:27 .
drwx------. 3 kdu1113 1001409      246 Oct 14 23:55 ..
-rwxrw-r--. 1 kdu1113 1001409        0 Oct 14 23:34 2047.txt
-rwxrw-r--. 1 kdu1113 1001409     2048 Oct 14 23:34 2048.txt
-rwxrw-r--. 1 kdu1113 1001409 35651584 Oct 14 20:29 34MB.txt
-rwx------. 1 kdu1113 1001409       33 Oct 14 23:55 Test3.txt
-rwx------. 1 kdu1113 1001409 35651584 Oct 15 00:27 Test4.bin
-rwx------. 1 kdu1113 1001409 35651584 Oct 15 00:08 WRQ_data.txt
```

5. Trying to get file that doesn't exist (Server, client)
   The client closes with an error message as expected.

```
:: ./server 127.0.0.1 2222
SERVER: Ready for association with clients...
RRQ received, filename: WRQ_data.txt mode: netascii
1: Result is 0
Sent first block successfully.
ACK 1 received
Expected ACK has arrived
SERVER: Full file is sent and connection is closed.
SERVER: WRQ received from client.
SERVER: Received data block #1
SERVER: Expected data block received.
SERVER: Sent ACK #1
SERVER: Received data block #2
SERVER: Expected data block received.
SERVER: Sent ACK #2
SERVER: Received data block #3
SERVER: Expected data block received.
SERVER: Sent ACK #3
SERVER: Received data block #4
SERVER: Expected data block received.
SERVER: Sent ACK #4
Last data block has arrived. Closing client connection and cleaning resources.
RRQ received, filename: 2047.txt mode: netascii
Server clean up as filename doesn't match.
RRQ received, filename: WRQ_data.txt mode: netascii
1: Result is 512
Sent first block successfully.
ACK 1 received
Expected ACK has arrived
ACK 2 received
Expected ACK has arrived
ACK 3 received
Expected ACK has arrived
ACK 4 received
Expected ACK has arrived
SERVER: Full file is sent and connection is closed.
```

```
[kdu1113]@hera3 ~> (18:41:17 10/14/23)
::   cd ECEN602_Network/ECEN602_Team07/MP3/test_files/

[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/test_files> (18:42:15 10/14
:: tftp 127.0.0.1 2222
tftp> get 2047.txt
Error code 1: File not found

[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/test_files> (18:43:52 10/14
:: tftp 127.0.0.1 2222
tftp> get WRQ_data.txt
tftp>
```

6. Three clients (Server, Client 1,2, and 3)

```
SERVER: Sent ACK #42060
SERVER: Received data block #42061
SERVER: Expected data block received.
SERVER: Sent ACK #42061
SERVER: Received data block #42062
SERVER: Expected data block received.
SERVER: Sent ACK #42062
SERVER: Received data block #42063
SERVER: Expected data block received.
SERVER: Sent ACK #42063
SERVER: Received data block #42064
SERVER: Expected data block received.
SERVER: Sent ACK #42064
SERVER: Received data block #42065
SERVER: Expected data block received.
SERVER: Sent ACK #42065
SERVER: Received data block #42066
SERVER: Expected data block received.
SERVER: Sent ACK #42066
SERVER: Received data block #42067
SERVER: Expected data block received.
SERVER: Sent ACK #42067
SERVER: Received data block #42068
SERVER: Expected data block received.
SERVER: Sent ACK #42068
SERVER: Received data block #42069
SERVER: Expected data block received.
SERVER: Sent ACK #42069
SERVER: Received data block #42070
SERVER: Expected data block received.
```

```
[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/test_files> (18:43:52 10/14/23)
:: tftp 127.0.0.1 2222
tftp> get WRQ_data.txt
tftp> put 32MB.txt
tftp: 32MB.txt: No such file or directory
tftp> put 34MB.txt
tftp> put 32MB.txt
tftp: 32MB.txt: No such file or directory
tftp> put 34MB.txt
tftp> put 34MB.txt
^[tftp> [A
```

```
[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/test_files> (18:42:22 10/14/23)
:: tftp 127.0.0.1 2222
tftp> get WRQ_data.txt
tftp> put 34MB.txt
tftp> put 34MB.txt
tftp> put 34MB.txt
tftp> put 34MB.txt
tftp>
tftp> put 34MB.txt
```

```
[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/test_files> (18:46:49 10/14/23)
:: tftp 127.0.0.1 2222
tftp> put 32MB.txt
tftp: 32MB.txt: No such file or directory
tftp> put 34MB.txt
tftp> put 34MB.txt
tftp> put 34MB.txt
```

7. Terminate in the middle of the operation (Server, Client)
   The server picks up the disconnection and closes the socket as expected.

```
ACK 12192 received
Expected ACK has arrived
ACK 12193 received
Expected ACK has arrived
ACK 12194 received
Expected ACK has arrived
ACK 12195 received
Expected ACK has arrived
ACK 12196 received
Expected ACK has arrived
ACK 12197 received
Expected ACK has arrived
ACK 12198 received
Expected ACK has arrived
ACK 12199 received
Expected ACK has arrived
Timeout occurred.
Retransmitting Data with BlockNo: 12200
Timeout occurred.
Retransmitting Data with BlockNo: 12200
Timeout occurred.
Retransmitting Data with BlockNo: 12200
Timeout occurred.
Retransmitting Data with BlockNo: 12200
Timeout occurred.
Retransmitting Data with BlockNo: 12200
Timeout occurred.
Retransmitting Data with BlockNo: 12200
Timeout occurred.
Retransmitting Data with BlockNo: 12200
Timeout occurred.
Retransmitting Data with BlockNo: 12200
Timeout occurred.
Retransmitting Data with BlockNo: 12200
Timeout occurred.
Timeout occurred 10 times. Closing socket connection with client.
```

```
tftp> put 32MB.txt
tftp: 32MB.txt: No such file or directory
tftp> put 34MB.txt
tftp> put 34MB.txt
^[tftp> [A
?Invalid command
tftp> [A
?Invalid command
tftp> put 34MB.txt
tftp> get WRQ_data.txt


[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/test_files> (18:50:32 10/14/23)
:: tftp 127.0.0.1 2222
tftp> get WRQ_data.txt
tftp> quit

[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/test_files> (20:07:10 10/14/23)
:: tftp 127.0.0.1 2222
tftp> ^C
tftp> quit

[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/test_files> (20:07:18 10/14/23)
:: cd ../new_files/

[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (20:07:23 10/14/23)
:: ls
2047.txt  2048.txt  34MB.txt

[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (20:07:23 10/14/23)
:: tftp 127.0.0.1 2222
tftp> put 34MB.txt
^C
tftp> put 34MB.txt
tftp> get WRQ_data.txt
^C
tftp>
```

8. WRQ example
   First, from client to server, send a WRQ request for 34MB.txt. (The file gets saved as WRQ_data.txt on the server side)
   Next, from client to server, send a RRQ request for WRQ_data.txt file.
   We were able to see the WRQ_data.txt file.

```
[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (23:55:26 10/14/23)
:: tftp 127.0.0.1 2222
tftp> get Test3.txt
tftp> get Test4.bin
tftp> get WRQ_data.txt
tftp> put 34MB.txt
tftp> get WRQ_data.txt
tftp>
```

```
ACK 4090 received
Expected ACK has arrived
2: Result is 512
ACK 4091 received
Expected ACK has arrived
2: Result is 512
ACK 4092 received
Expected ACK has arrived
2: Result is 512
ACK 4093 received
Expected ACK has arrived
2: Result is 512
ACK 4094 received
Expected ACK has arrived
2: Result is 512
ACK 4095 received
Expected ACK has arrived
2: Result is 512
ACK 4096 received
Expected ACK has arrived
2: Result is 0
ACK 4097 received
Expected ACK has arrived
SERVER: Full file is sent and connection is closed.
```

```
[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (00:08:17 10/15/23)
:: ls
2047.txt  2048.txt  34MB.txt  Test3.txt  Test4.bin

[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (00:08:18 10/15/23)
:: ls
2047.txt  2048.txt  34MB.txt  Test3.txt  Test4.bin  WRQ_data.txt

[kdu1113]@hera3 ~/ECEN602_Network/ECEN602_Team07/MP3/new_files> (00:08:49 10/15/23)
:: ls -al
total 135712
drwx------. 2 kdu1113 1001409       162 Oct 15 00:08 .
drwx------. 3 kdu1113 1001409       246 Oct 14 23:55 ..
-rwxrw-r--. 1 kdu1113 1001409         0 Oct 14 23:34 2047.txt
-rwxrw-r--. 1 kdu1113 1001409      2048 Oct 14 23:34 2048.txt
-rwxrw-r--. 1 kdu1113 1001409  35651584 Oct 14 20:29 34MB.txt
-rwx------. 1 kdu1113 1001409        33 Oct 14 23:55 Test3.txt
-rwx------. 1 kdu1113 1001409  35651584 Oct 14 23:55 Test4.bin
-rwx------. 1 kdu1113 1001409  35651584 Oct 15 00:08 WRQ_data.txt
```