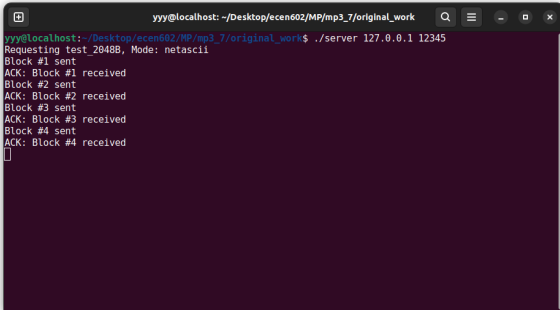


# MP3 Report

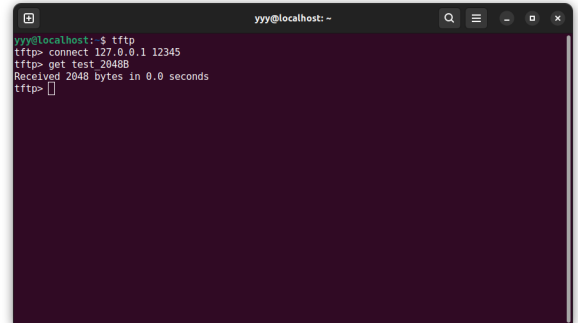
## Test Case 1

Transfer 2048B



```
yyy@localhost: ~/Desktop/ecen602/MP/mp3_7/original_work
yyy@localhost:~/Desktop/ecen602/MP/mp3_7/original_work$ ./server 127.0.0.1 12345
Requesting test_2048B, Mode: netascii
Block #1 sent
ACK: Block #1 received
Block #2 sent
ACK: Block #2 received
Block #3 sent
ACK: Block #3 received
Block #4 sent
ACK: Block #4 received
█
```

Server

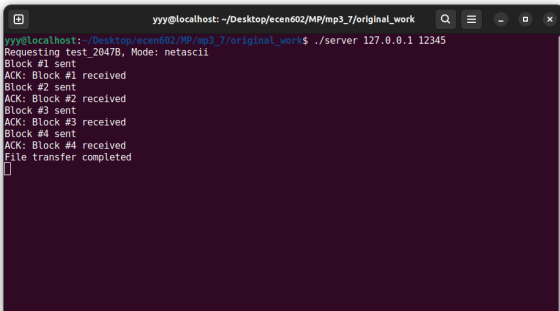


```
yyy@localhost: -
yyy@localhost: $ tftp
tftp> connect 127.0.0.1 12345
tftp> get test_2048B
Received 2048 bytes in 0.0 seconds
tftp> █
```

Client

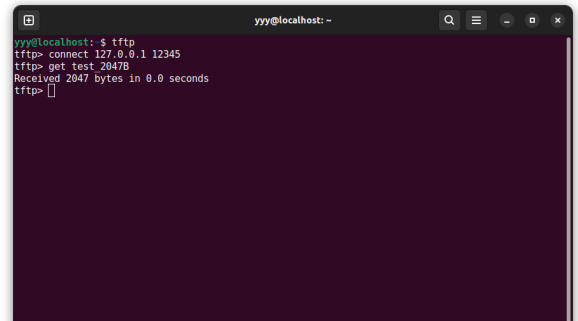
## Test Case 2

Transfer 2047B



```
yyy@localhost: ~/Desktop/ecen602/MP/mp3_7/original_work
yyy@localhost:~/Desktop/ecen602/MP/mp3_7/original_work$ ./server 127.0.0.1 12345
Requesting test_2047B, Mode: netascii
Block #1 sent
ACK: Block #1 received
Block #2 sent
ACK: Block #2 received
Block #3 sent
ACK: Block #3 received
Block #4 sent
ACK: Block #4 received
File transfer completed
█
```

Server



```
yyy@localhost: $ tftp
tftp> connect 127.0.0.1 12345
tftp> get test_2047B
Received 2047 bytes in 0.0 seconds
tftp> █
```

Client

## Test Case 3

Transfer 34MB (block index wraps around)

```
yyy@localhost: ~/Desktop/ecen602/MP/mp3_7/original_work
Requesting test_34MB, Mode: netascii
Block #1 sent
ACK: Block #1 received
Block #2 sent
ACK: Block #2 received
Block #3 sent
ACK: Block #3 received
Block #4 sent
ACK: Block #4 received
Block #5532 sent
ACK: Block #5532 received
Block #5533 sent
ACK: Block #5533 received
Block #5534 sent
ACK: Block #5534 received
Block #5535 sent
ACK: Block #5535 received
Block #0 sent
ACK: Block #0 received
Block #1 sent
ACK: Block #1 received
Block #2 sent
ACK: Block #2 received
Block #3 sent
ACK: Block #3 received
Block #4 sent
ACK: Block #4 received
File transfer completed
```

Server

```
yyy@localhost: ~
yyy@localhost: $ tftp
tftp> connect 127.0.0.1 12345
tftp> get test 34MB
Received 35000000 bytes in 5.4 seconds
tftp>
```

Client

## Test Case 4

Requested file not found

```
yyy@localhost: ~/Desktop/ecen602/MP/mp3_7/original_work
Requesting test, Mode: netascii
fopen error: No such file or directory
Child process exited
```

Server

```
yyy@localhost: ~
yyy@localhost: $ tftp
tftp> connect 127.0.0.1 12345
tftp> get test
Error code 1: file not found
tftp>
```

Client

## Test Case 5

Three clients connected to the server

```
yyy@localhost: ~  
$ tftp  
tftp> connect 127.0.0.1 12345  
tftp> get test_2047B  
Received 2047 bytes in 0.0 seconds  
tftp>   
  
yyy@localhost: ~  
$ tftp  
tftp> connect 127.0.0.1 12345  
tftp> get test_2048B  
Received 2048 bytes in 0.0 seconds  
tftp>   
  
yyy@localhost: ~  
$ tftp  
tftp> connect 127.0.0.1 12345  
tftp> get test_2047B  
Received 2047 bytes in 0.0 seconds  
tftp>   
  
yyy@localhost: ~/Desktop/ecen602/MP/mp3_7/original_work  
$ ./server 127.0.0.1 12345  
Requesting test_2047B, Mode: netascii  
Block #1 sent  
ACK: Block #1 received  
Block #2 sent  
ACK: Block #2 received  
Block #3 sent  
ACK: Block #3 received  
Block #4 sent  
ACK: Block #4 received  
File transfer completed  
Child process exited  
Requesting test_2048B, Mode: netascii  
Block #1 sent  
ACK: Block #1 received  
Block #2 sent  
ACK: Block #2 received  
Block #3 sent  
ACK: Block #3 received  
Block #4 sent  
ACK: Block #4 received  
File transfer completed  
Child process exited  
Requesting test_2047B, Mode: netascii  
Block #1 sent  
ACK: Block #1 received  
Block #2 sent  
ACK: Block #2 received  
Block #3 sent  
ACK: Block #3 received  
Block #4 sent  
ACK: Block #4 received  
File transfer completed  
Child process exited
```