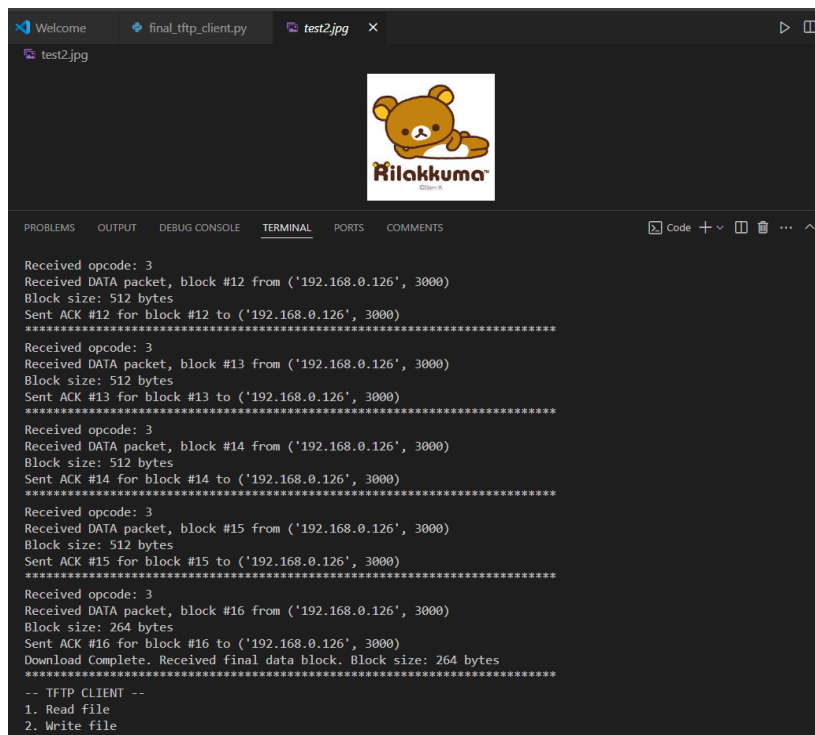


DOCUMENTATION & SCREENSHOTS

Test Case 1 : File not Found Error

```
*****
-- DOWNLOAD FILE (RRQ) --
NAME OF FILE TO DOWNLOAD: File1.jpg
Note: ./ => retain original name
CUSTOM FILE NAME WHEN DOWNLOADED LOCALLY: Test1.jpg
File will be saved as 'Test1.jpg'
*****
-- NEGOTIATION OPTIONS --
Do you want to have a custom block size? (y/n): n
Do you want to have a custom timeout? (y/n): n
Constructed RRQ packet: b'\x00\x01File1.jpg\x00octet\x00'
Sent RRQ for 'File1.jpg' to ('192.168.0.126', 69)
*****
Received opcode: 5
Server returned error 1: File not found
*****
```

Test Case 2 : Read File (RRQ) without Options



Test Case 3: Read File (RRQ) with Options

```
-- DOWNLOAD FILE (RRQ) --
NAME OF FILE TO DOWNLOAD: FileB.bin
Note: ./ => retain original name
CUSTOM FILE NAME WHEN DOWNLOADED LOCALLY: test3.bin
File will be saved as 'test3.bin'
*****

-- NEGOTIATION OPTIONS --
Do you want to have a custom block size? (y/n): y
Enter custom block size value: 24
Custom block size: 24
Do you want to have a custom timeout? (y/n): 5
Invalid choice. Please enter 'y' or 'n'.
Do you want to have a custom timeout? (y/n): y
Enter custom timeout value: 5
Custom timeout: 5
Constructed RRQ packet: b'\x00\x01FileB.bin\x00octet\x00blksize\x0024\x00timeout\x005\x00'
Sent RRQ for 'FileB.bin' to ('192.168.0.126', 69)
*****

Received opcode: 6
Received OACK from server. Negotiating options...
Negotiated options: {'blksize': '24', 'timeout': '5'}
Negotiated block size: 24
Negotiated timeout: 5
```

```
NSCOM01_MP1_Rubr...
Test1.jpg
test2.jpg
test3.bin

Received opcode: 3
Received DATA packet, block #167 from ('192.168.0.126', 3000)
Block size: 24 bytes
Sent ACK #167 for block #167 to ('192.168.0.126', 3000)
*****
Received opcode: 3
Received DATA packet, block #168 from ('192.168.0.126', 3000)
Block size: 24 bytes
Sent ACK #168 for block #168 to ('192.168.0.126', 3000)
*****
Received opcode: 3
Received DATA packet, block #169 from ('192.168.0.126', 3000)
Block size: 24 bytes
Sent ACK #169 for block #169 to ('192.168.0.126', 3000)
*****
Received opcode: 3
Received DATA packet, block #170 from ('192.168.0.126', 3000)
Block size: 24 bytes
Sent ACK #170 for block #170 to ('192.168.0.126', 3000)
*****
Received opcode: 3
Received DATA packet, block #171 from ('192.168.0.126', 3000)
Block size: 16 bytes
Sent ACK #171 for block #171 to ('192.168.0.126', 3000)
Download Complete. Received final data block. Block size: 16 bytes
*****
```

Test Case 4: Write File (WRQ) without Options

```
*****
-- UPLOAD FILE (WRQ) --
NAME OF FILE TO UPLOAD: pic2.jpg
Note: ./ => retain original name
CUSTOM FILE NAME WHEN UPLOADED TO SERVER: ./
File will be saved as 'pic2.jpg'
*****
-- NEGOTIATION OPTIONS --
Do you want to have a custom block size? (y/n): n
Do you want to have a custom timeout? (y/n): n
Do you want to have a custom transfer size? (y/n): n
Constructed WRQ packet: b'\x00\x02pic2.jpg\x00octet\x00'
Sent WRQ for 'pic2.jpg' to ('192.168.0.10', 69)
*****
```

```
*****
Received data from ('192.168.0.10', 3000)
Received opcode: 4
Received ACK #15 for block #15 from ('192.168.0.10', 3000)
Sent DATA packet, block #16 to ('192.168.0.10', 3000)
Block size: 264 bytes
*****
Received data from ('192.168.0.10', 3000)
Received opcode: 4
Received ACK #16 for block #16 from ('192.168.0.10', 3000)
Upload Complete. All data blocks sent.
*****
```

