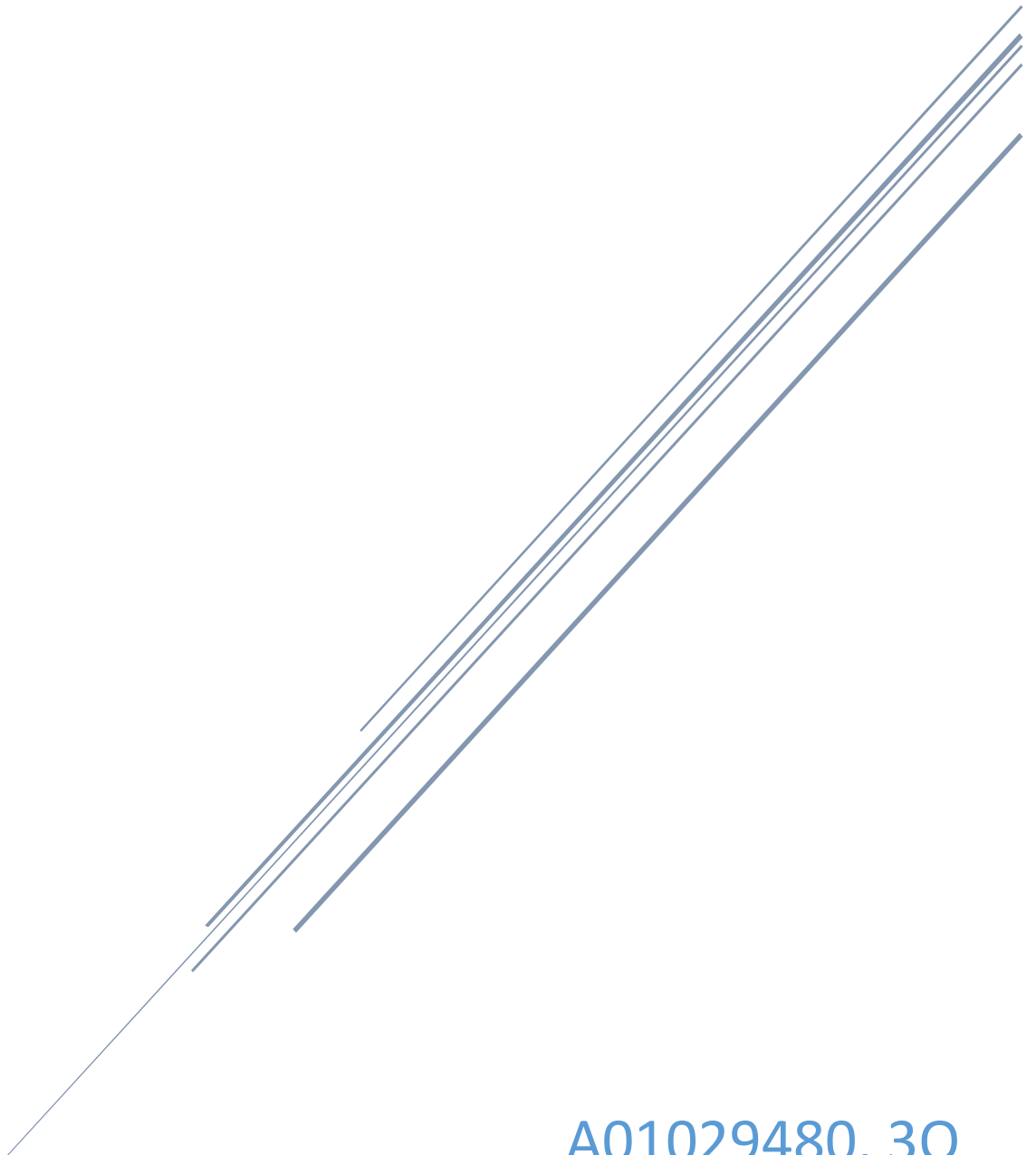


TEST DOCUMENT

COMP 3980 Dumb Terminal



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Test Plan

- Initializing application
- Interface (Menu)
- Command Mode
- Connect Mode (Read & Write)
- Help Menu
- Help Menu

Tools for testing Dumb Terminal program

Dumb Terminal:

- to test functionalities of the program

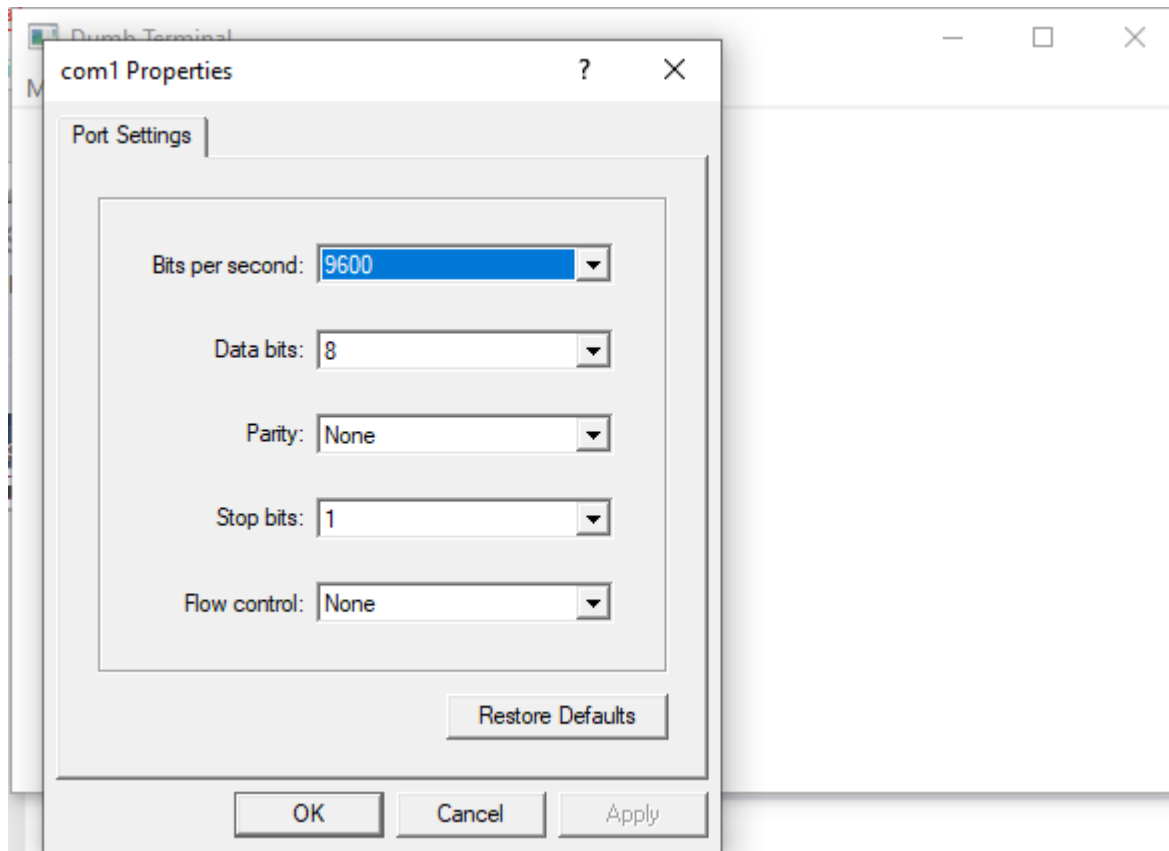
Virtual Serial Port Drive:

- to check if ports are open properly and check how many bytes are sent and received.

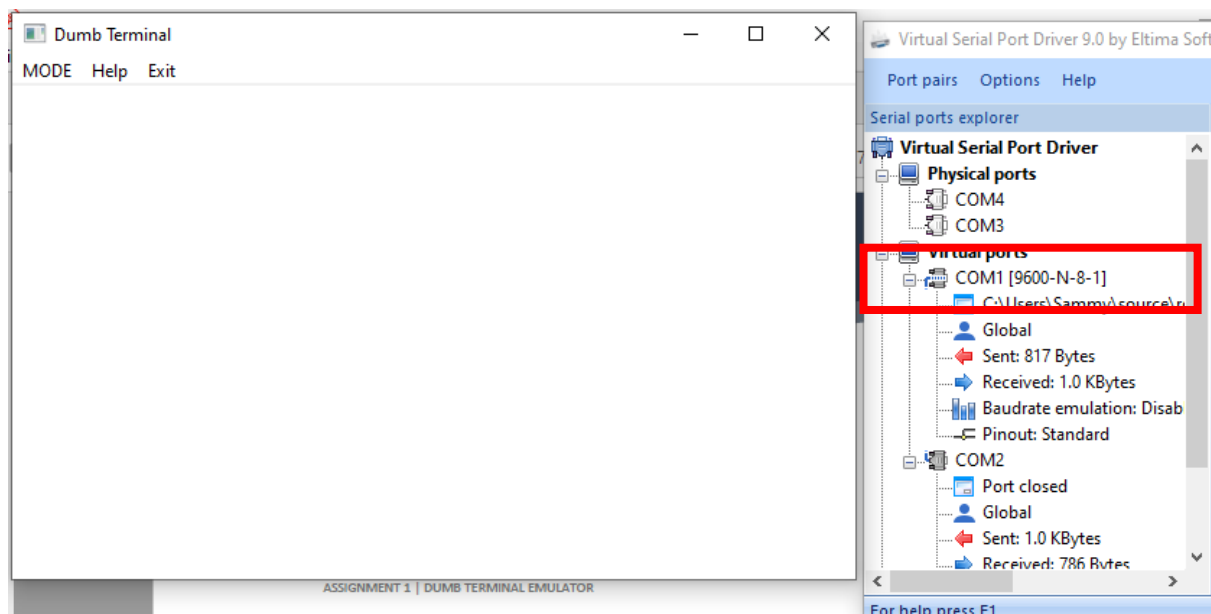
PuTTY:

- to test Write and Read function by sending data from each program, Dumb Terminal and PuTTY.

Initializing application

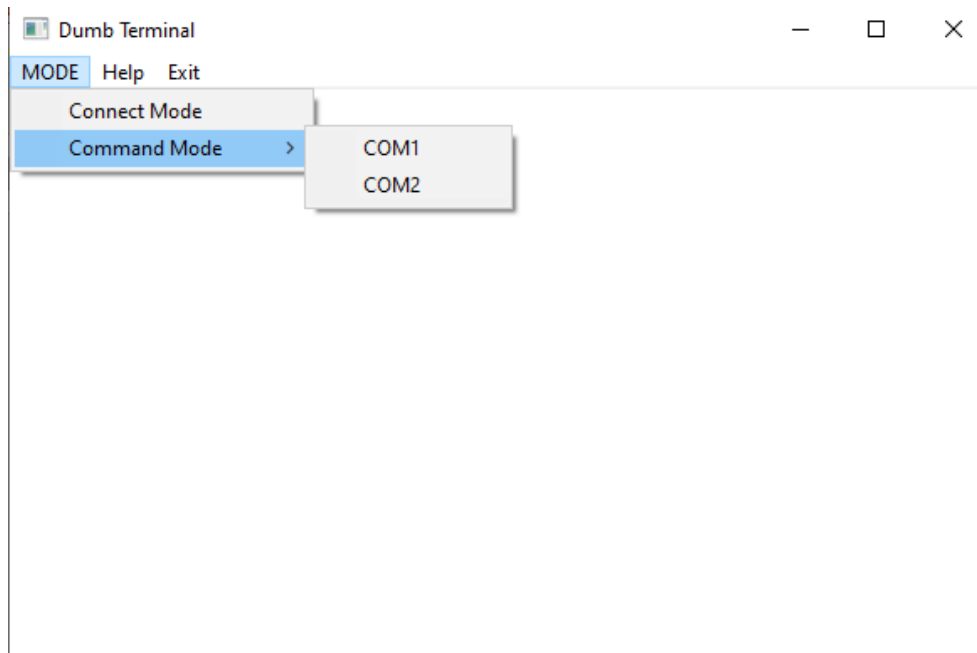


- It successfully opens port configuration dialog (Command Mode)
- Default port is com1



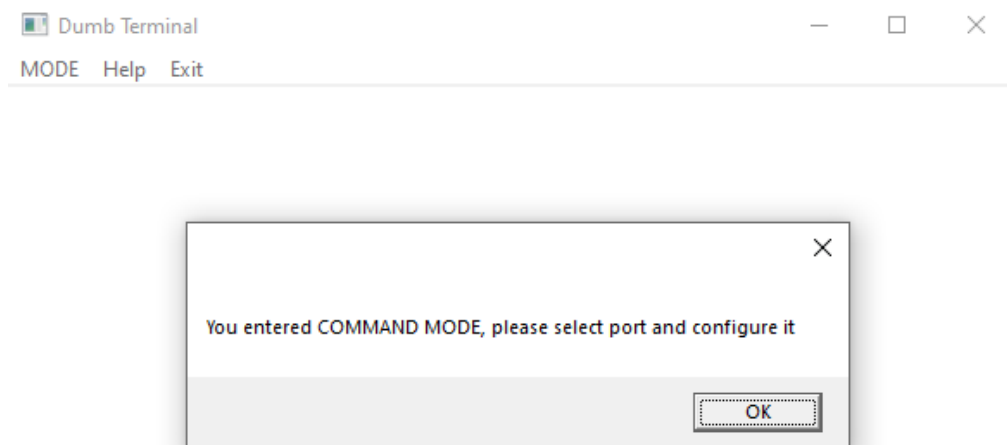
- It successfully opens com1 port with passed configuration input.

Interface (Menu)

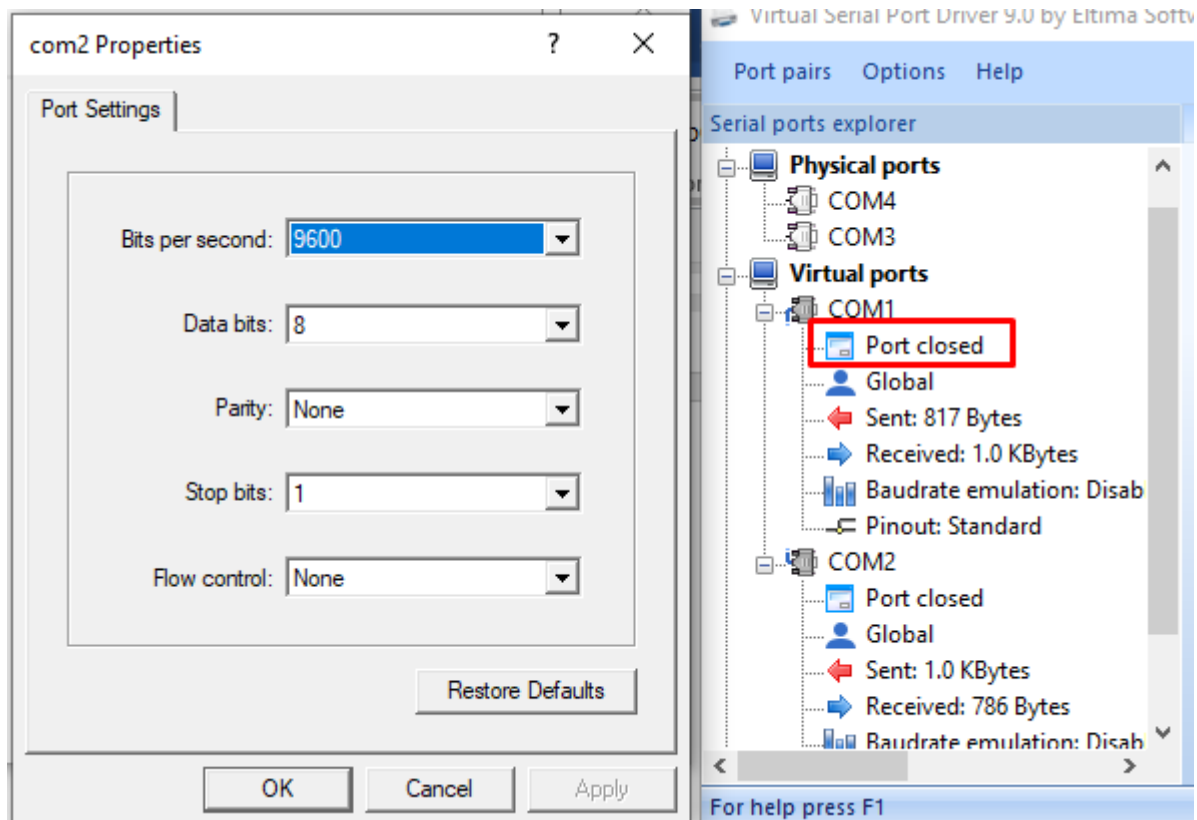


- All menu are seamlessly displayed on the window.

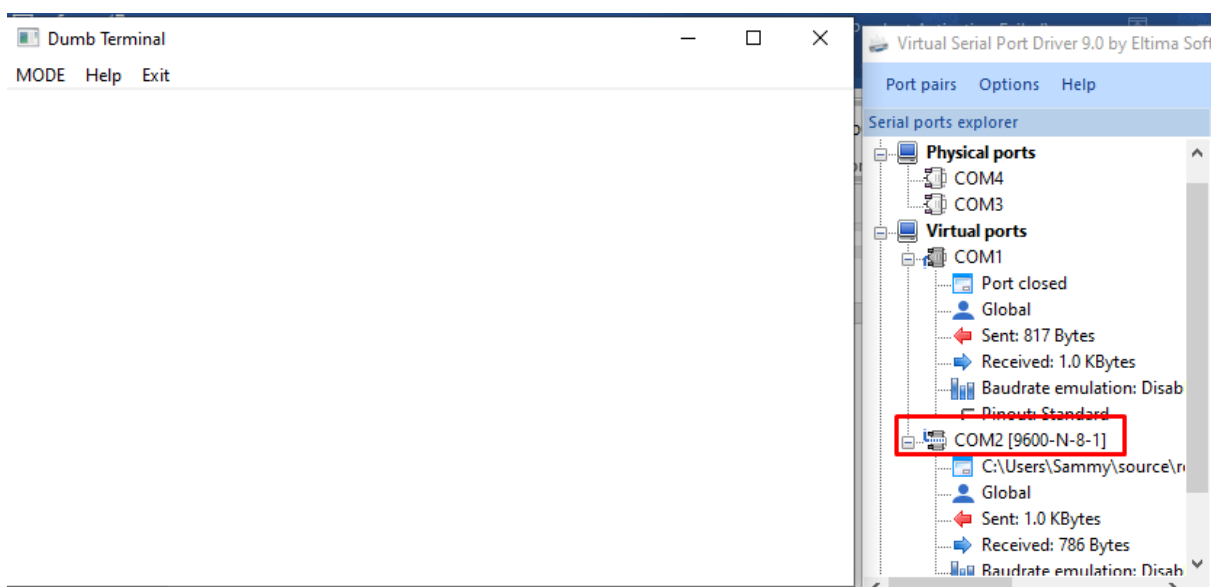
Command Mode



- By pressing 'ESC' key or clicking Command Mode->com1 or com2, the program can enter Command mode.

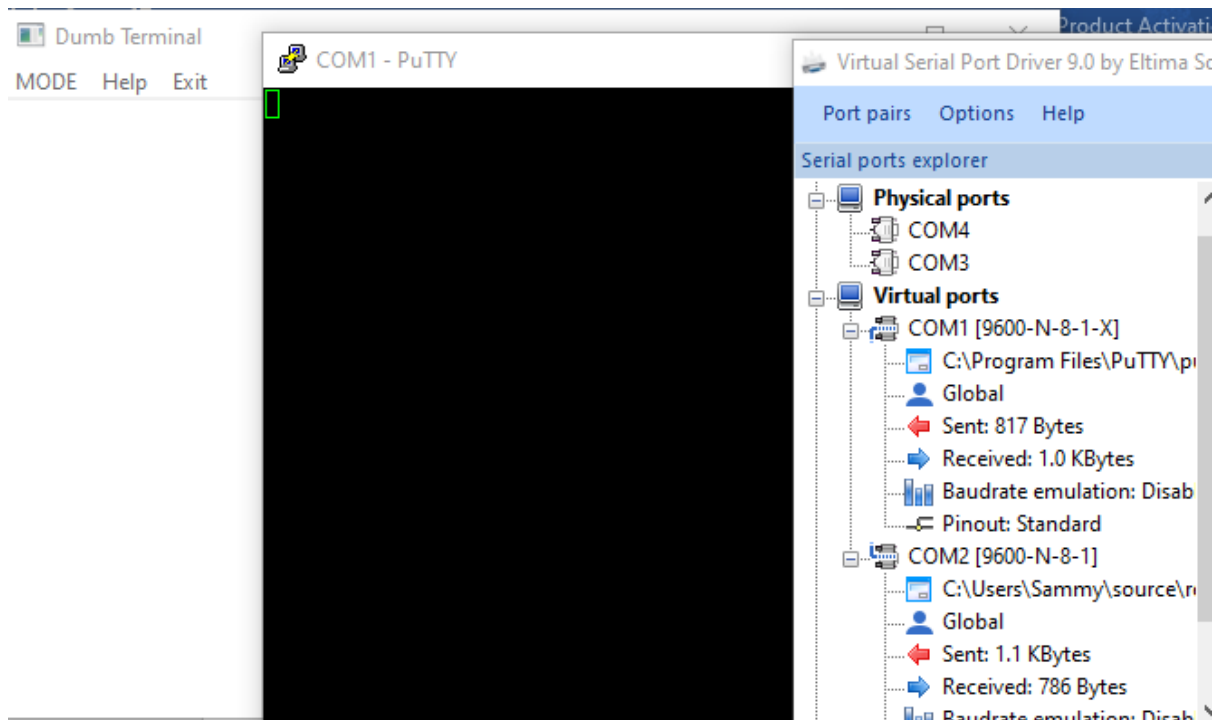


- In this mode, the port is closed and pops up the port configuration dialog for the chosen port settings.

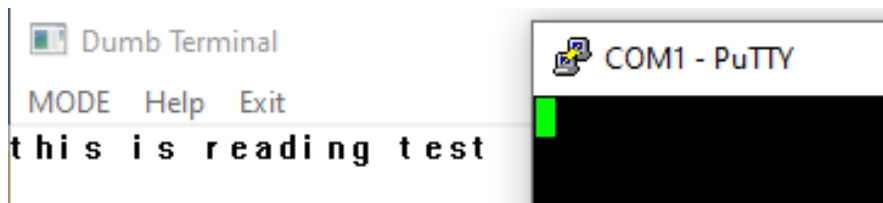


- After setting the port options, it can be noticed the com2 port has been successfully open.

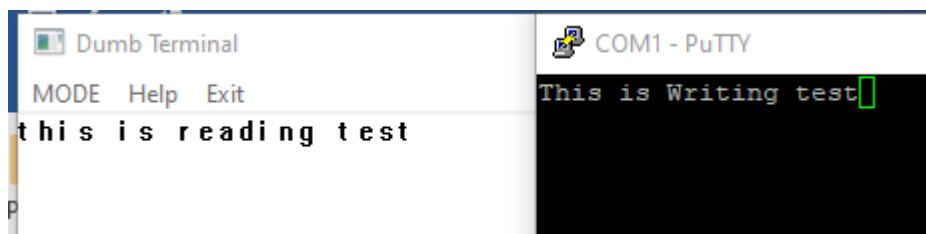
Connect Mode (Read & Write)



- Dumb Terminal is using com2 port and PuTTY is using com1

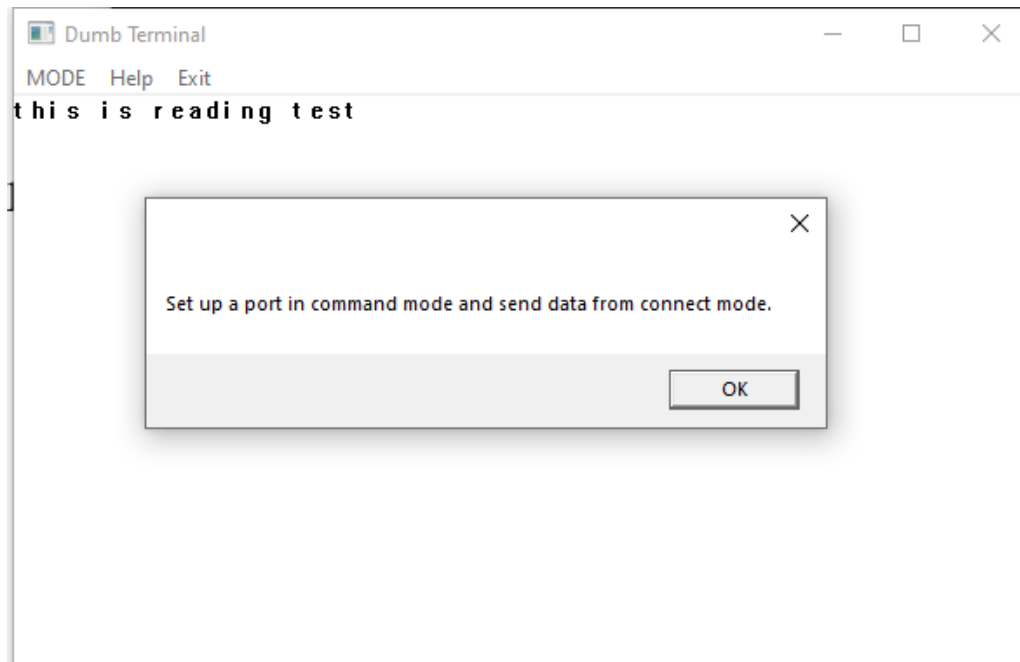


- By typing on PuTTY, it is noticed that reading is operated.



- By typing on Dumb Terminal it is noticed that writing is successfully operated.

Help Menu



- When Help menu is clicked, a message box pops up with a guide to use the program.

Exit Menu



- By selecting Exit menu, user can terminate the program