# **Dumb Terminal Emulator Pseudocode**

**User starts program**

Enter Command Mode

Create variable call isConnected, set it to false

When user tries to type, return error message - port is not connected

When user clicks connect, Set isConnected to TRUE

Enter connect mode

Open Serial Port

If User selects settings

Read current DCB settings for the port

If user clicks ok

Exit to menu

If user sets new communication parameters

If the new settings are supported

change port settings

Create a new thread for reading

Create the function ReadFromPort

While in connect mode

Wait for reading to be completed

Prints the character

When user presses a key

Create function WriteABuffer

Create a variable call writing

When writing is completed, set writing to true

If user presses ESC

Set isConnected to false

When user clicks EXIT

Terminate the program

**Program Ends**