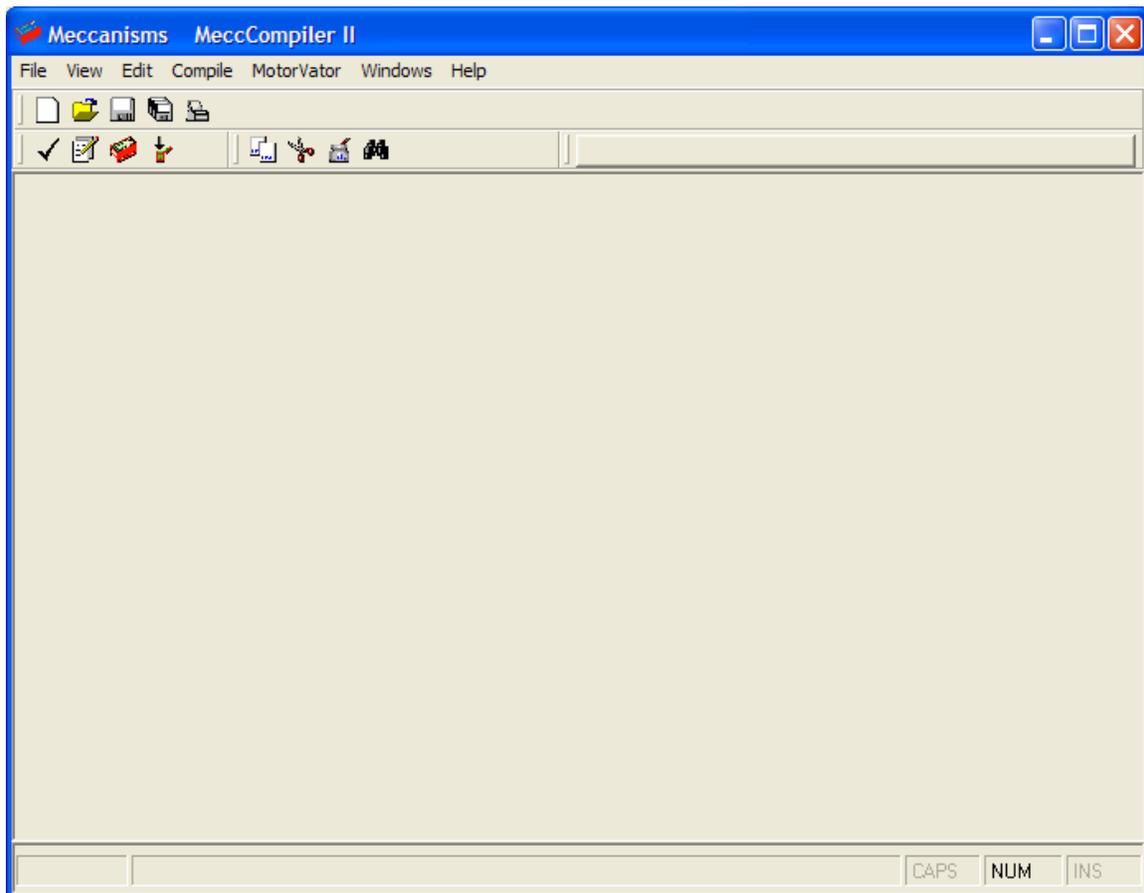


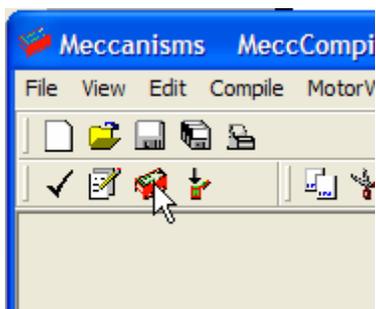
Motorvator Gantry Clinic, Step by Step

1. Open up the MeccCompiler III (just be aware that it says MeccCompiler II on the top line. If you are unsure, check under the Help>About for which version).

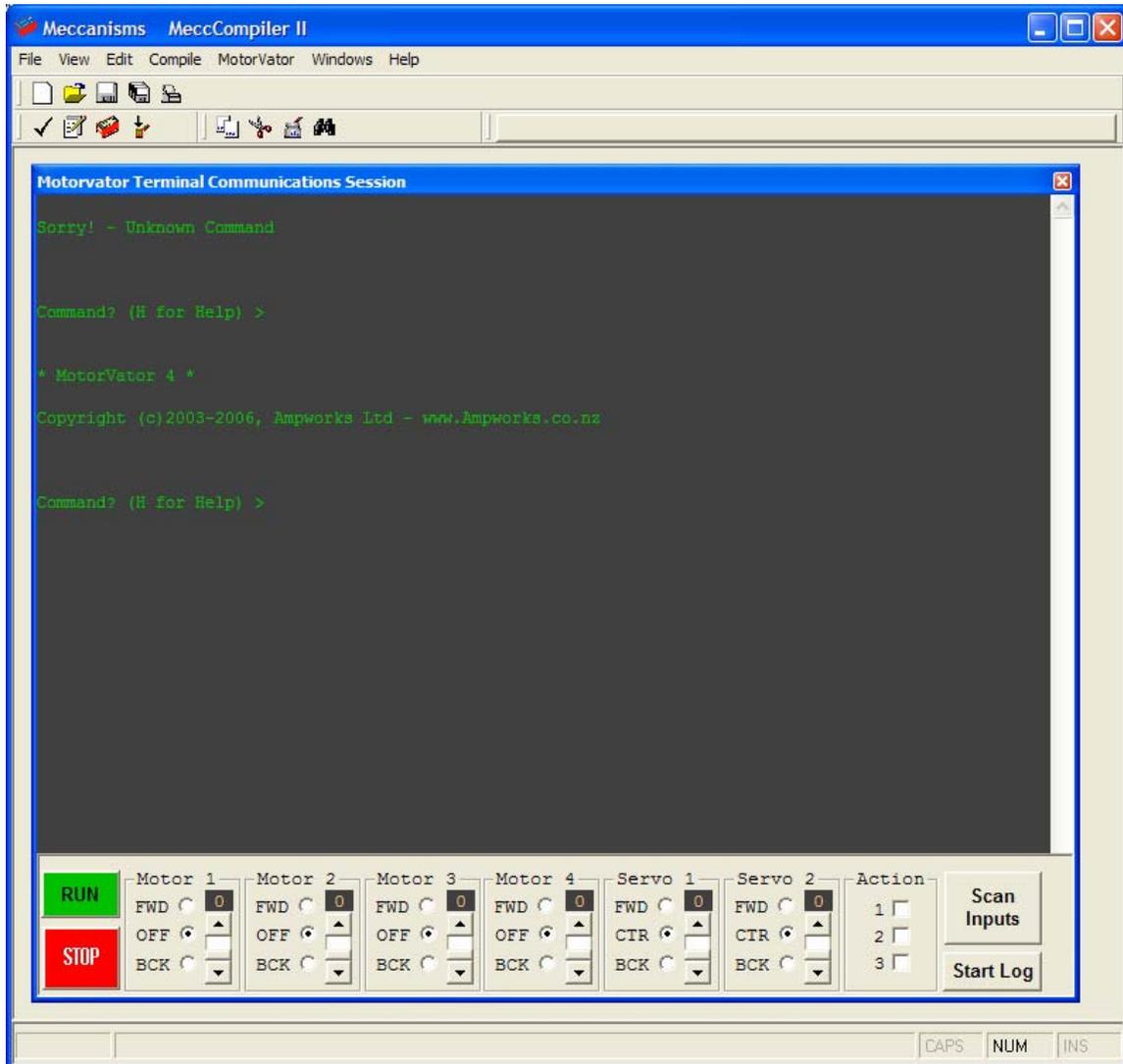


2. Connect to the MotorVator

Click on the Red Motorvator symbol

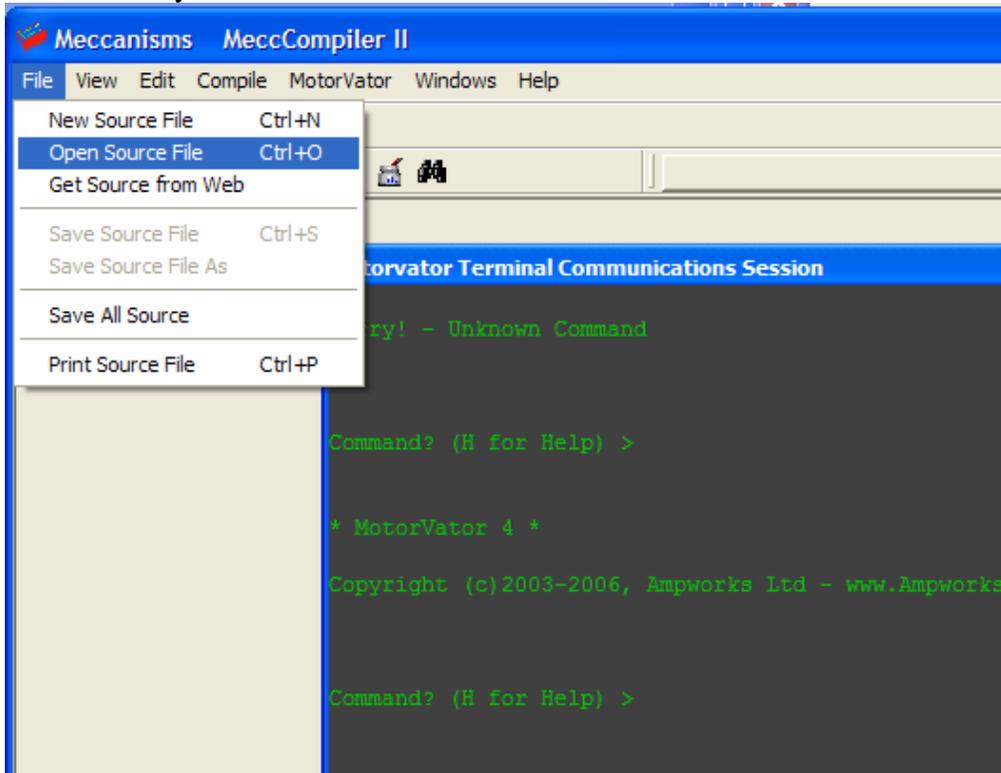


and make sure you get the Black Motorvator Terminal Communications Session Window

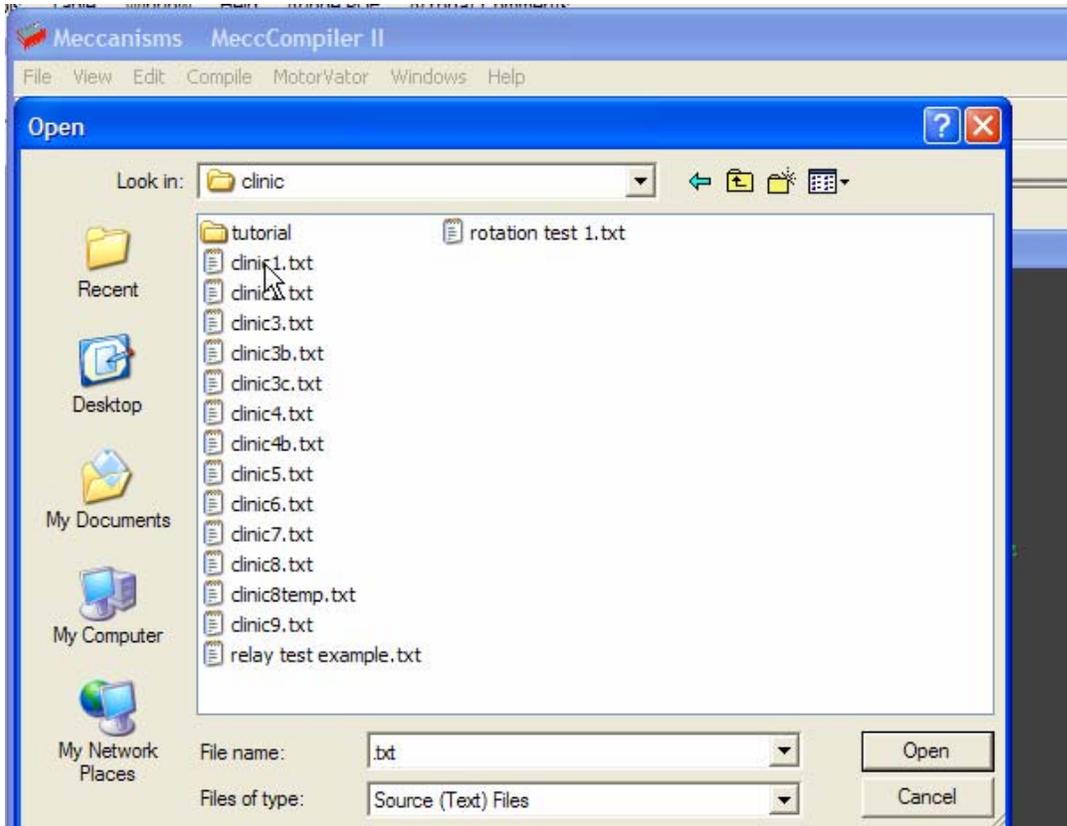


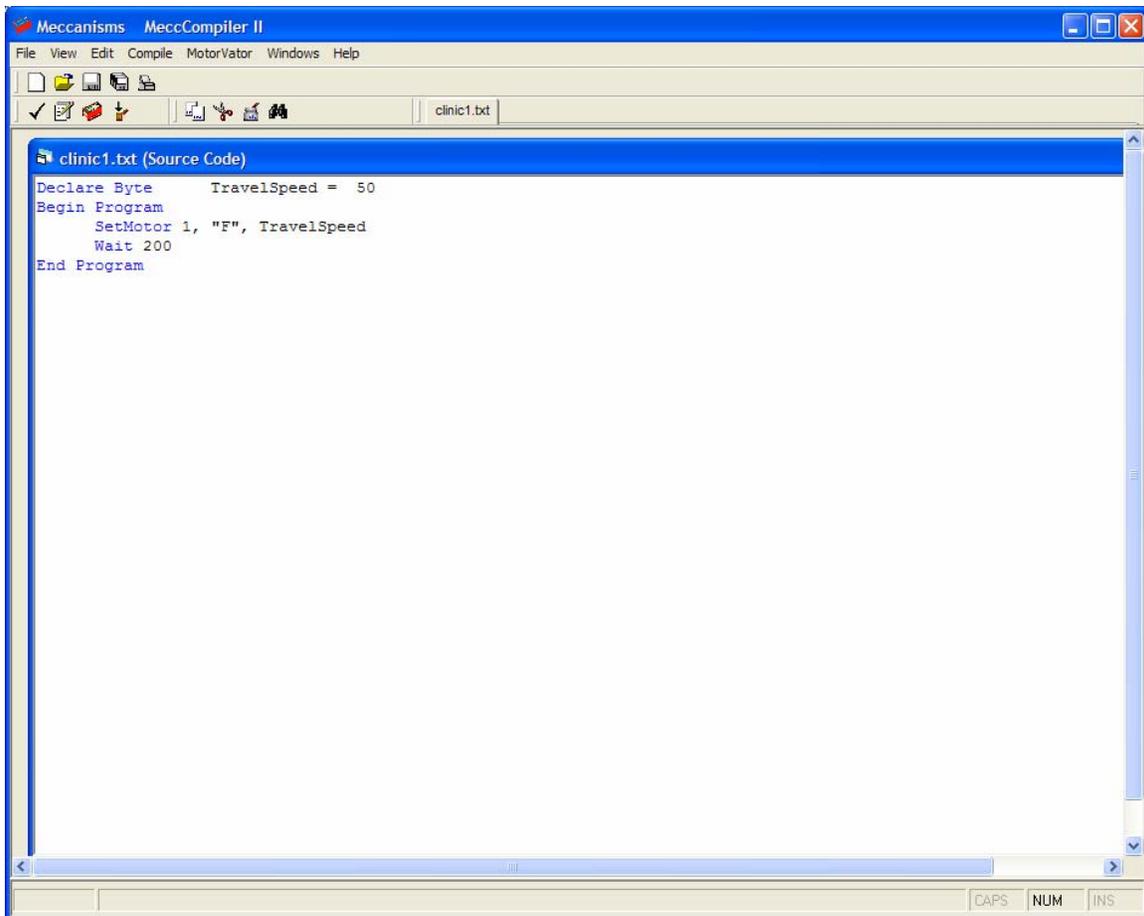
If you don't get all the Green writing, then check your PC-Motorvator cable, close the Communications Session Window, then try clicking on the Red Motorvator again.

3. Load your source code.

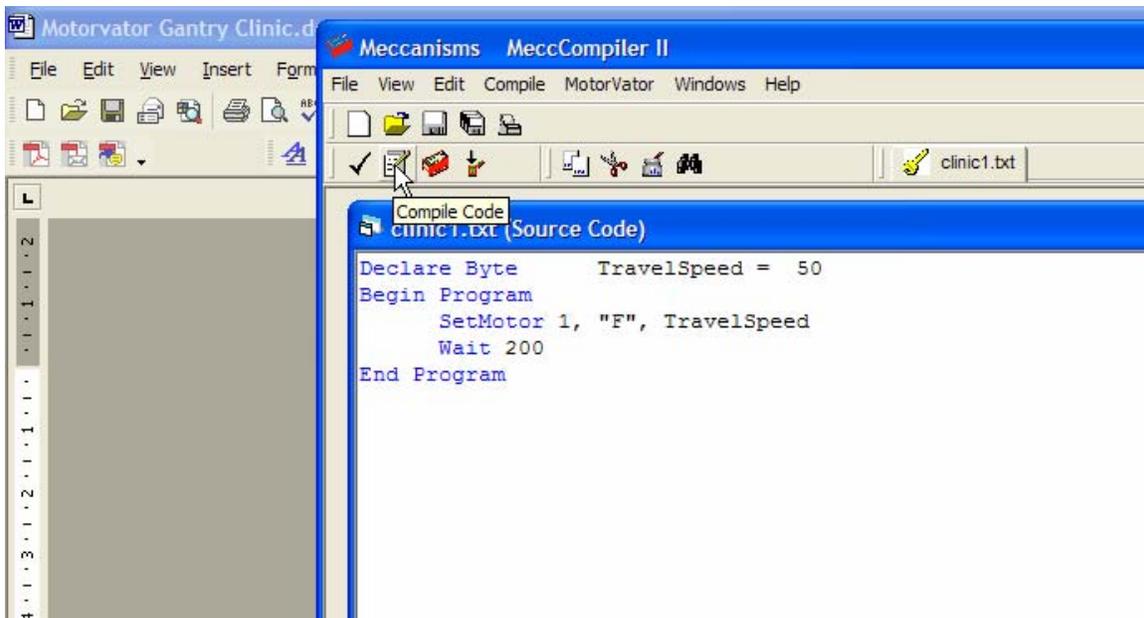


Select clinic1.txt, and click on
OPEN

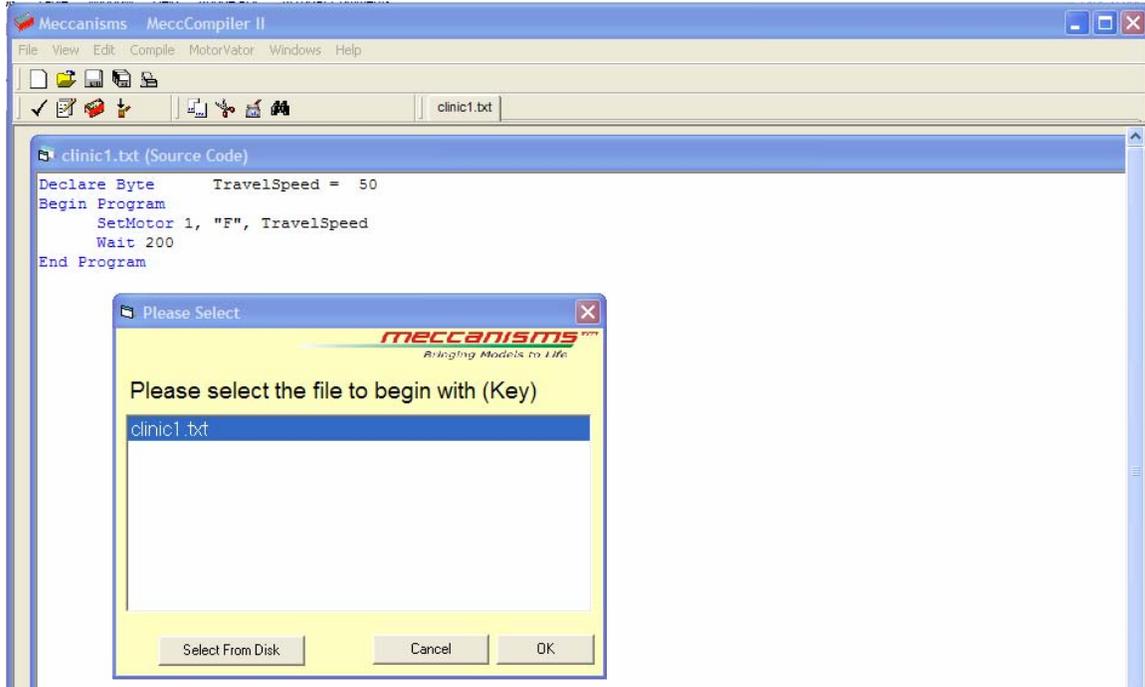




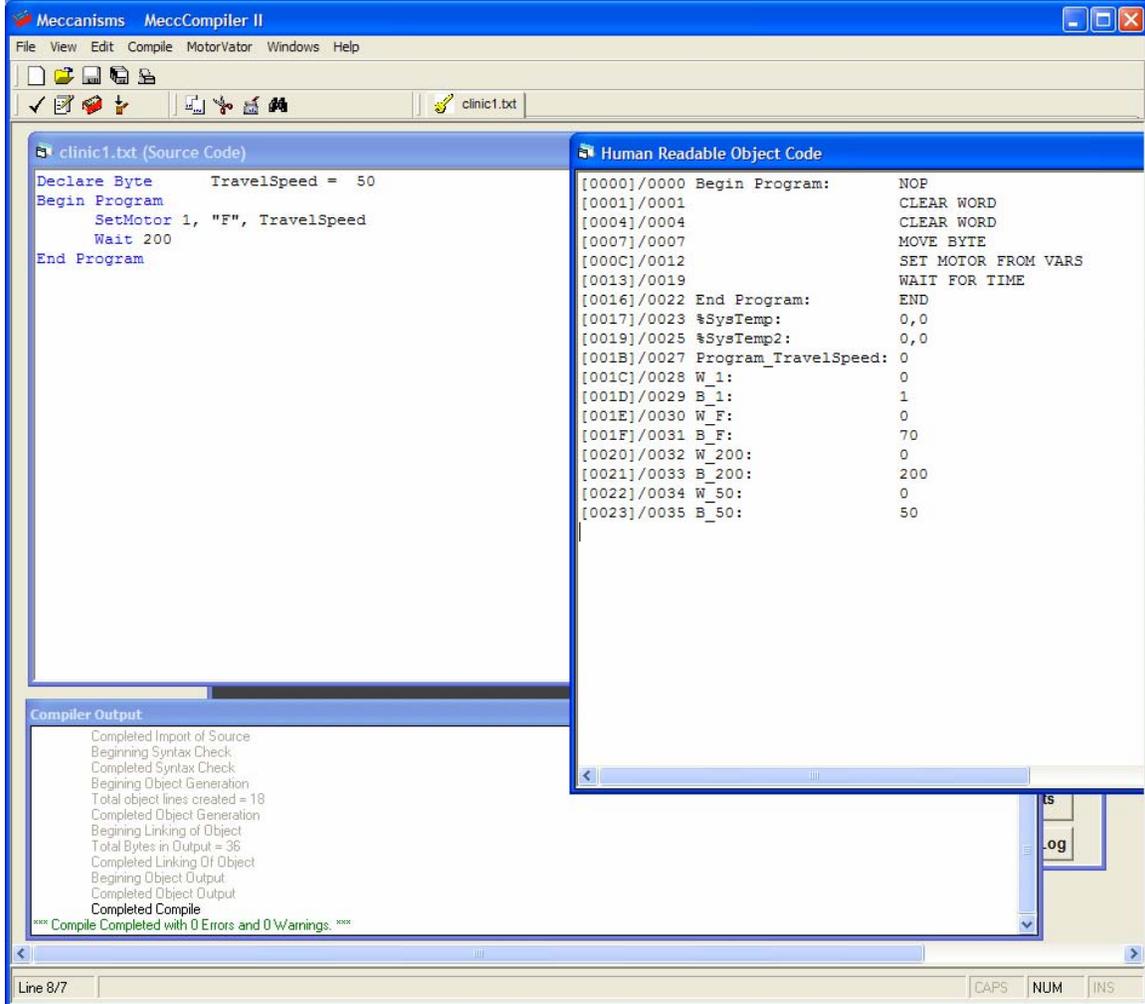
4. Compile your source code



The first time, you need to select the starting file and Click OK



You should get a Compile completed with 0 Errors



The screenshot displays the MeccCompiler II interface with three main panes:

- Source Code (clinic1.txt):**

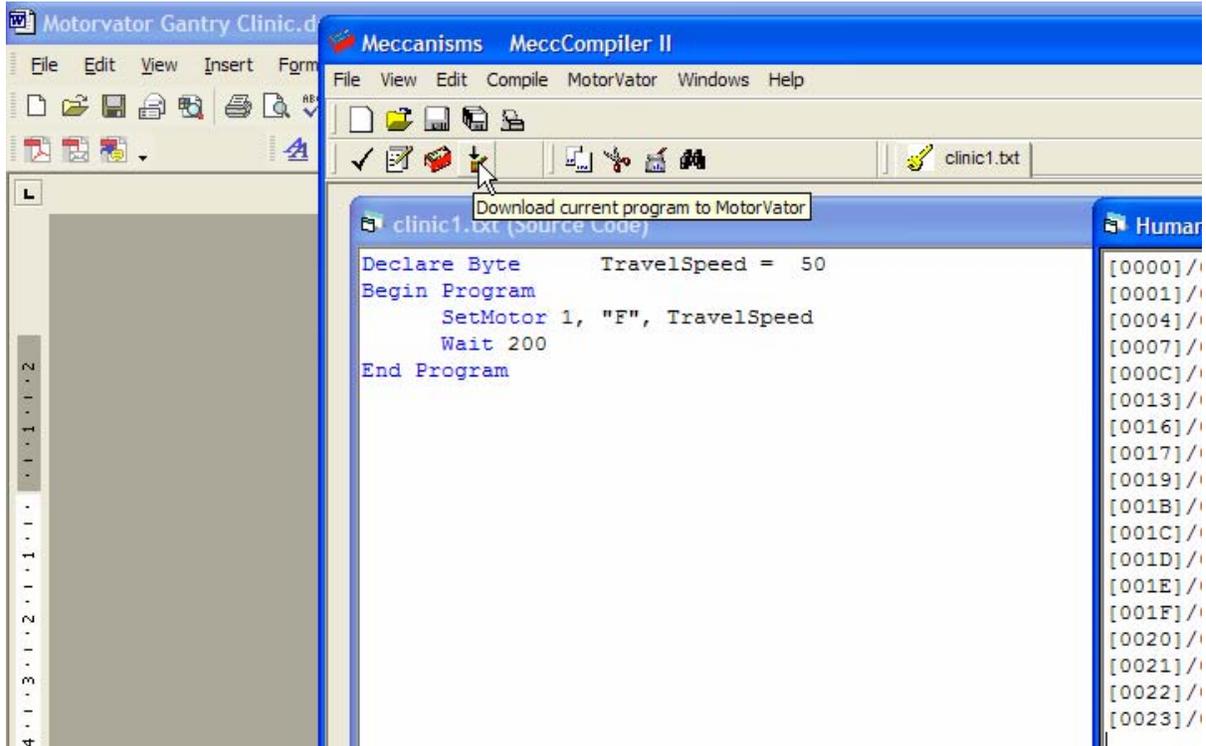
```
Declare Byte      TravelSpeed = 50
Begin Program
  SetMotor 1, "F", TravelSpeed
  Wait 200
End Program
```
- Human Readable Object Code:**

```
[0000]/0000 Begin Program:      NOP
[0001]/0001                    CLEAR WORD
[0004]/0004                    CLEAR WORD
[0007]/0007                    MOVE BYTE
[000C]/0012                    SET MOTOR FROM VARS
[0013]/0019                    WAIT FOR TIME
[0016]/0022 End Program:      END
[0017]/0023 %SysTemp:        0,0
[0019]/0025 %SysTemp2:      0,0
[001B]/0027 Program_TravelSpeed: 0
[001C]/0028 W_1:            0
[001D]/0029 B_1:            1
[001E]/0030 W_F:            0
[001F]/0031 B_F:            70
[0020]/0032 W_200:          0
[0021]/0033 B_200:          200
[0022]/0034 W_50:           0
[0023]/0035 B_50:           50
```
- Compiler Output:**

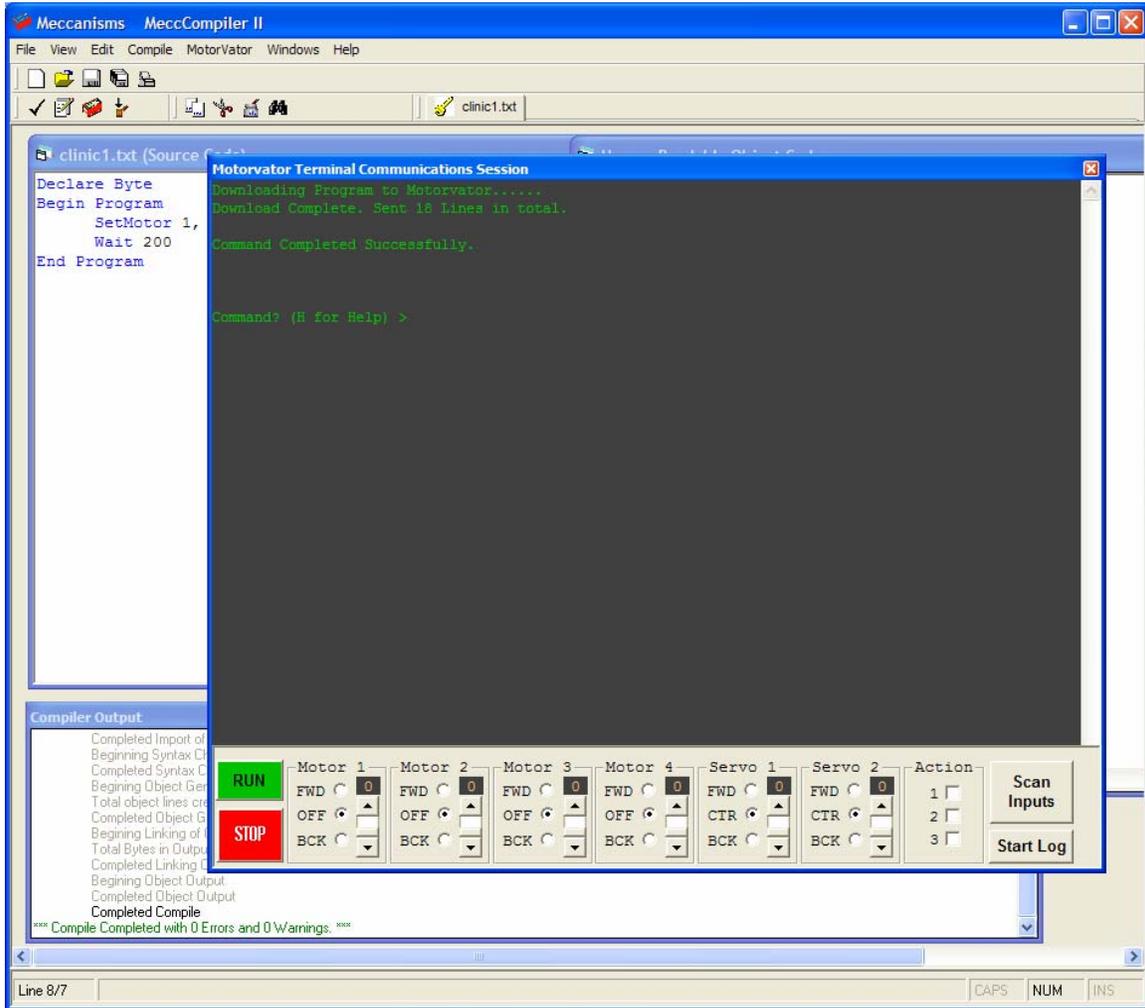
```
Completed Import of Source
Beginning Syntax Check
Completed Syntax Check
Beginning Object Generation
Total object lines created = 18
Completed Object Generation
Beginning Linking of Object
Total Bytes in Output = 36
Completed Linking Of Object
Beginning Object Output
Completed Object Output
Completed Compile
*** Compile Completed with 0 Errors and 0 Warnings. ***
```

The status bar at the bottom indicates "Line 8/7" and includes function keys for CAPS, NUM, and INS.

5. Now download the code to the Motorvator.

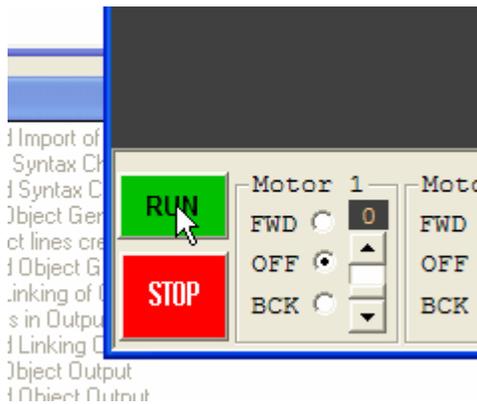


You should see the Following text in the Communications Session Window, showing 18 Lines successfully loaded.

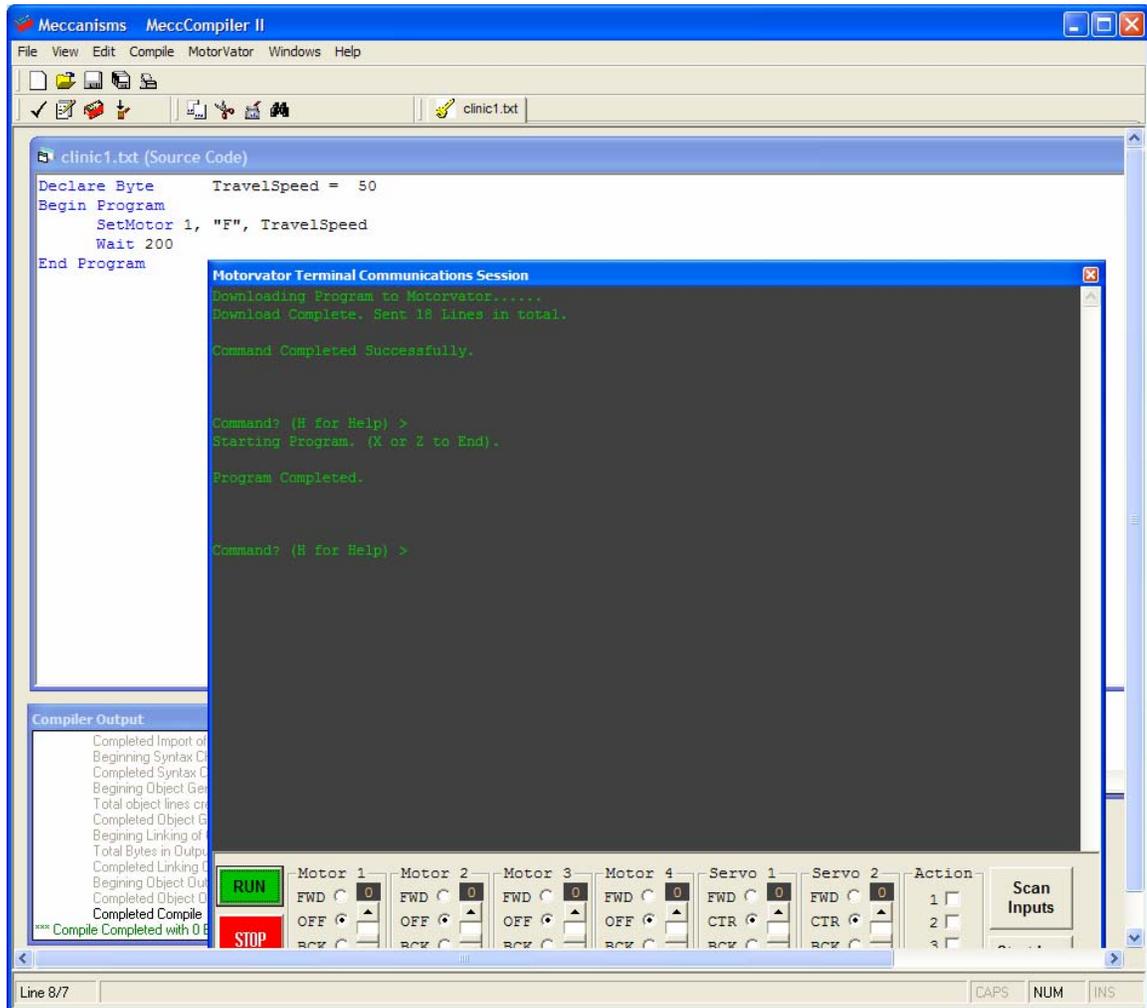


6. Run your code

Connect a motor to Output A. Click on the Green RUN



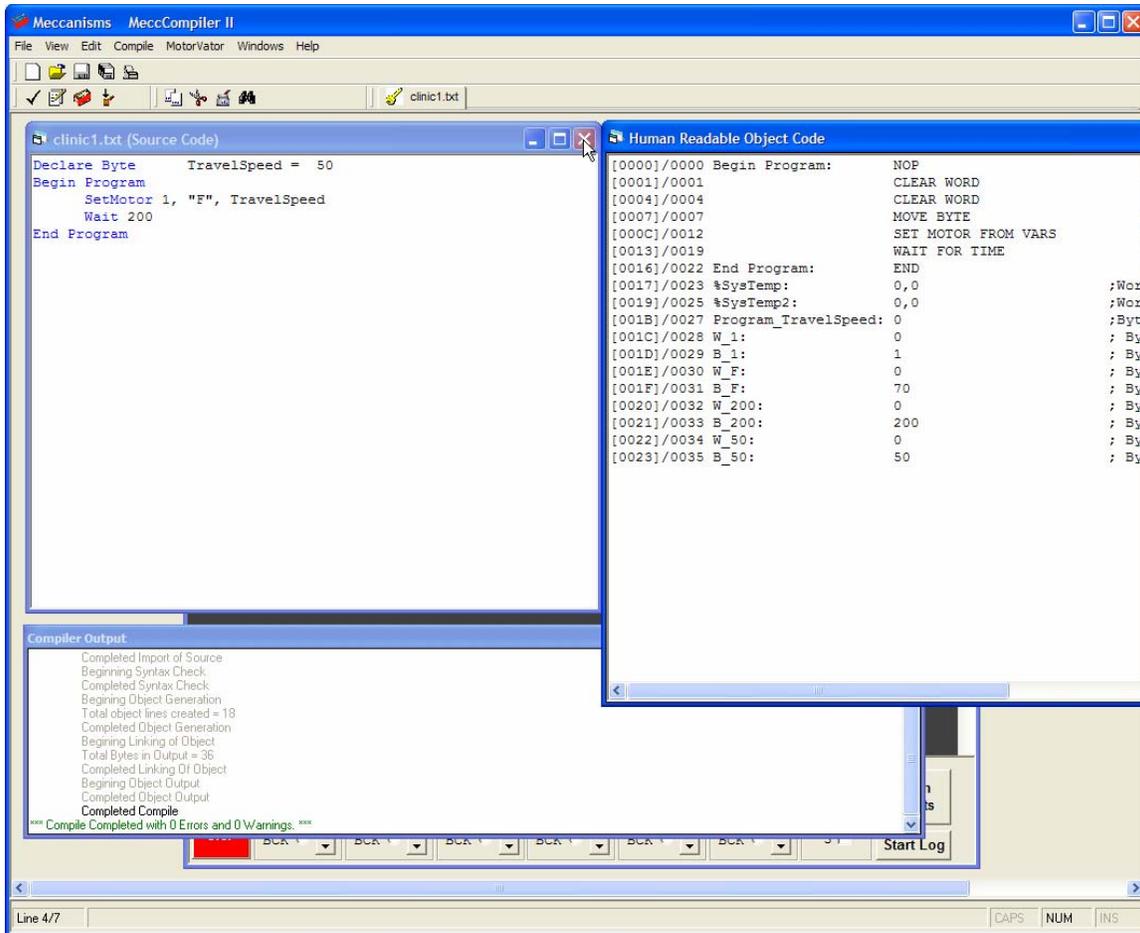
The motor should run for 2 seconds, and then Stop. Program Completed will show in the Communications Session window.



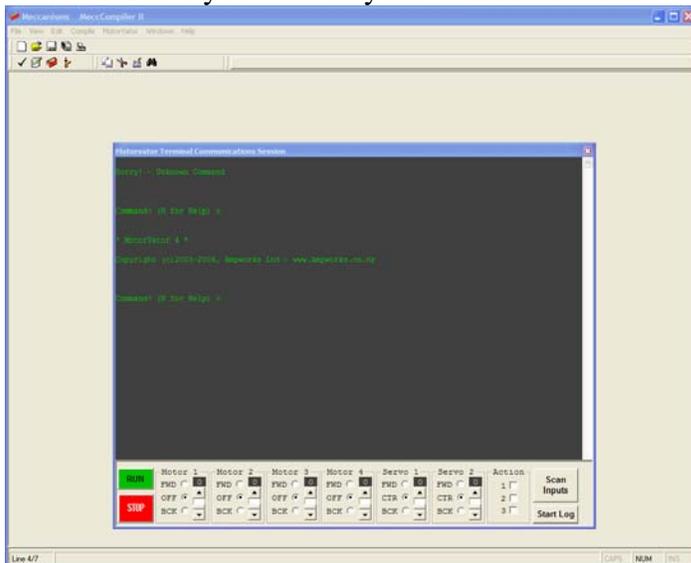
You've successfully completed your first program 😊

7. Using another program.

Close your current program, by clicking on the X Icon on the Source Code Window



This will leave you with only the Communications Window



Now go back to Step 3 and open another Source Code file (e.g. Clinic2.txt), and repeat the steps from there.

