

CMPE 460 Lab Exercise Two Lab
UART Driver

Joel Yuhas
Performed: January 25th, 2018
Submitted: February 1st, 2018

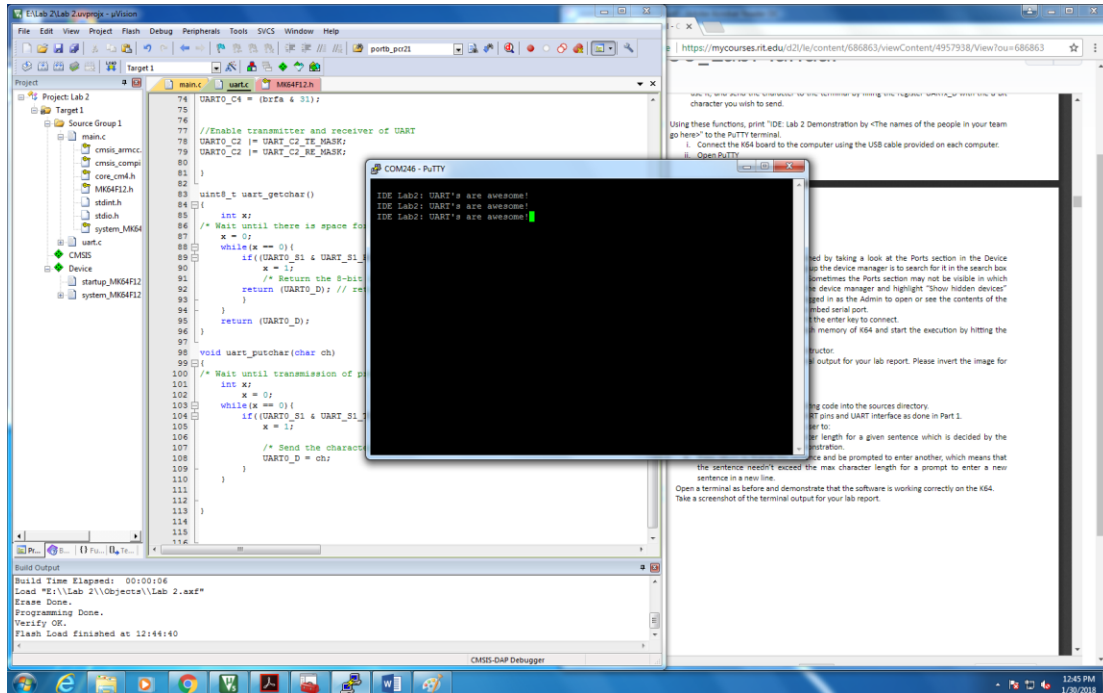
Lab Section: 01L2
Instructor: Louis Beato
TA: Adrian Tygart
Bao Thai

Lecture Section: 01
Professor: Ray Ptucha

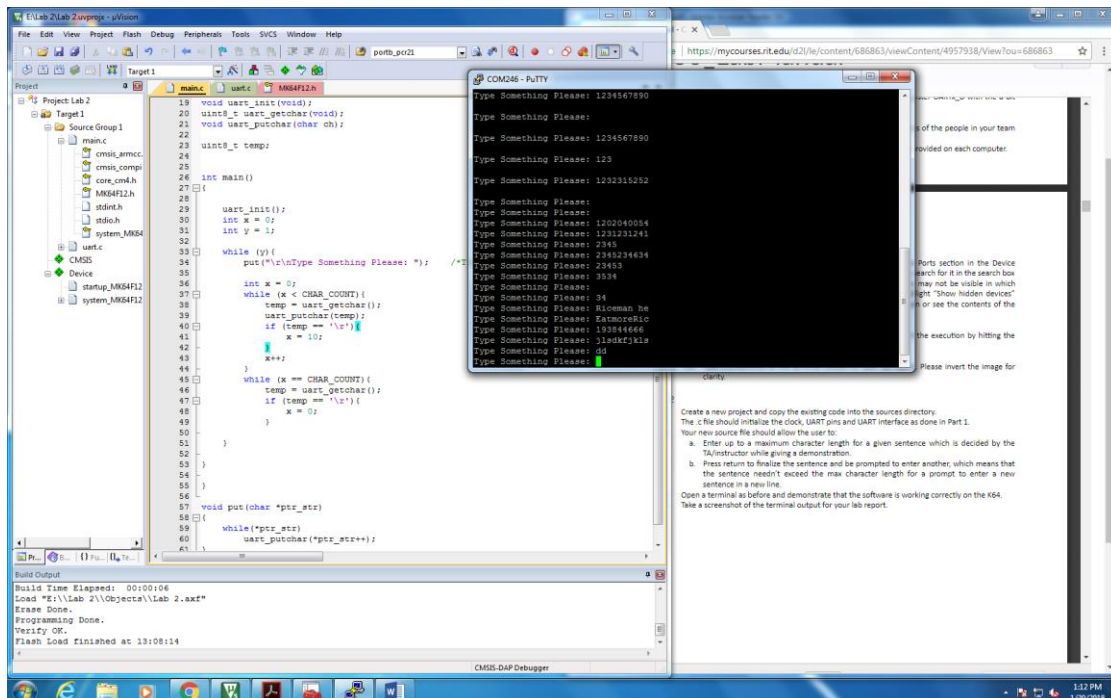
Description:

This exercise involved writing a UART driver for the K64 Freedom board. The UART driver allows for I/O with a computer by sending messages through specific ports. Specifically, the driver can receive input from a keyboard and then output the input to the terminal.

Screen Shot Part 1:



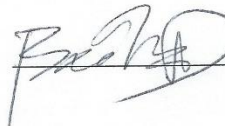
Screen Shot Part 2:

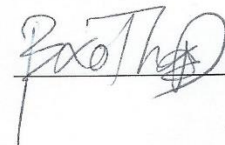


Lab Worksheet

Please, submit one lab worksheet per individual. The Lab worksheet for this week should include:

6. Title of the Lab, your name, date the lab was performed, course name, TA's name and instructor's name.
7. Two-line description of lab
8. Screen shots of terminal from Part 1 and Part 2
9. Sign off – A TA needs to sign off on Part 1 and Part 2. Include two lines that say:

 1/30 Part 1 Lab 2 is working correctly

 1/30 Part 2 Lab 2 is working correctly

Submit the worksheet (with signoff from a TA) and code to the MyCourses dropbox by
Tues, Feb 9th, 4:55pm.

In addition, please submit an electronic copy of uart.c and both Part 1 and Part 2 versions of main.c to Dropbox on MyCourses.