CMPE 460 Laboratory Exercise 2

UART Driver

Jacob Meyerson
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Lab Section: 2
Instructor: Professor Beato
TA: Brunon Sztuba
    Eri Montano
    Connor Henley

Lecture Section: 1
Professor: Professor Beato

By submitting this report, you attest that you neither have given nor have received any assistance (including writing, collecting data, plotting figures, tables or graphs, or using previous student reports as a reference), and you further acknowledge that giving or receiving such assistance will result in a failing grade for this course.

Your Signature: _____

Lab Description

The purpose of this lab is to implement methods to transmit and receive data in the form of characters through UART (Universal asynchronous receiver-transmitter). By polling flags in the UART status registers, characters are either sent or received through a serial console with the K64.

Screenshots
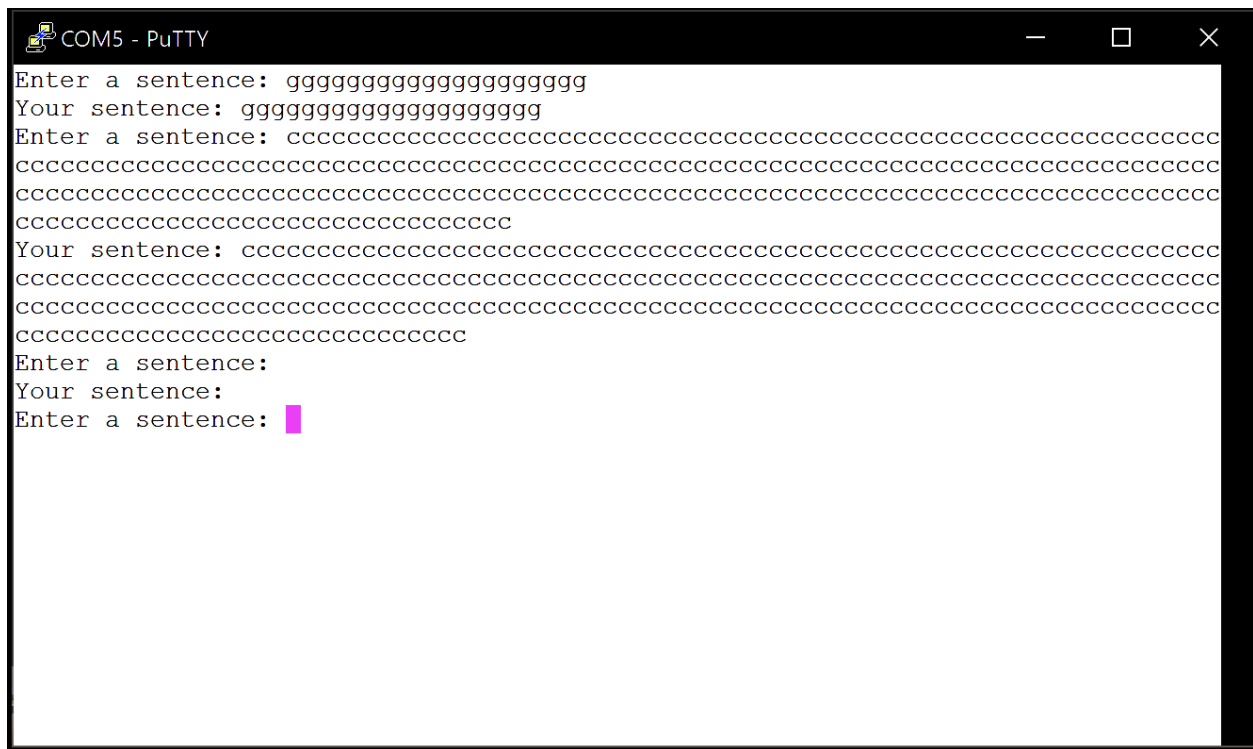

Figure 1: UART Driver Demo Part 2

Figure 2: UART Driver Demo Part 3

Exercise 2: UART Driver

Student's Name: Jacob Meyerson   Section: 2

Pre-lab		Point Value	Points Earned	Comments
Pre-lab	UART Ports, Pins and Alt	10	10	BJS 2/5/21
	SCGC Clocks	10	10	BJS 2/5/21

Demo		Point Value	Points Earned	Date
Demo	Part 2	15	15	BJS 2/5/21
	Part 3	20	20	BJS 2/5/21

To receive any grading credit students must earn points for both the demonstration and the report.