

ECE 264: Advanced C Programming

Exam 1 - Makeup Assignment (**Optional**), Due 7/2/19

This assignment asks you to implement questions 1 to 4 from exam1.

1 Honesty Policy

This is an individual assignment. Do not borrow code from your friends. Since you are implementing a code shown to you on exam 1, your code would be almost same as that of your friends from this class. The objective of this assignment is to make you comfortable writing C programs and learn along the way.

2 What do you need to do?

Your job is to write C programs for each of the questions q1, q2, q3, and q4.

3 What you need to submit

- q1.c containing the code shown in the paper. When compiled successfully using the updated command (also shown at the end of the paper, in the errata section) and run with a command-line argument, your code should output “No Story”.
 - Makefile containing a rule to create a target called `toystory` i.e. when the `make` command is executed, it should produce an executable called `toystory`. When run using the same command as in part 1 of the question, your output should produce `Toy Story 3`
2. q2.c containing an implementation of question 2. Your output should produce 3 hexadecimal numbers and a string "E264".
3. q3.c containing an implementation of question 3. You are not expected to produce any output for this question. Comment lines 74, and 78 of the question.
4. q4.c containing an implementation of question 4. your output should contain six lines, each printing two integer values `s`, and `t`.

3.1 Grading and Credits

If there is a compilation error, or if the output of any question is not what we expect, you will receive a ZERO for the whole assignment. You will receive a maximum of 20 points subject to a total score of 100 upon successfully completing this assignment.