CSCD 240
Lab 4 / C Basics

PROGRAM SPECIFICATIONS:

Initialize an int = 5.

The user is prompted with a menu of choices. The menu is displayed repetitively until the user chooses to quit. If the user enters a number not on the menu, the menu is re-displayed.

The menu choices are:

1. Enter a new positive integer.

2. Print the number of odd digits, even digits, and zeros in the integer.

3. Print the prime numbers between 2 and the integer (inclusive).

4. Quit the program.

PROGRAM PARTICULARS:

- You may assume the user will enter an integer (no other data types)
- The user may choose to perform option #2 and #3 on the same number, meaning that once you have a number from the user, keep the same number unless the user selects #1.
- You may assume that no integer entered will be greater/smaller than -2 billion to +2 billion.
- Do not create separate files besides cscd240lab4.c

TURN IN:

A zip file containing:

• cscd240lab4.c

• cscd240lab4out.txt – at least 4 full sample runs of your program (choices 1 – 4 for each run)

Name your zip file your last name, first letter of your first name, course name and section, lab4.zip (Example: JOHNSONSCSCD240001LAB4)