CSC 150 – Summer 2020 Assignment Prog1 **Name: …**

Due: Sunday 5/31 10:00pm

Submit to D2L: Complete this Word document. Delete the program/problem “Description”. Paste text, not screenclips.

In your cs.dsunix.net account, in your home directory:

* Create two new programs, p1a.c p1b.c [[ I may check to make sure the file exists ]]
* Write the C programs as requested below for Program 1 and 2

Program 1: Cash register

Description:

Input: Price of a single item

Quantity (how many, int)

Compute: the subtotal for the purchase

the tax on the purchase assuming 6% tax

the total amount due for the purchase

Display: subtotal, tax, and total with messages

Code:

**Paste code here (maintain 12-pt courier bold)**

Sample Output:

**Paste output here (maintain 12-pt courier bold)**

Program 2: Area & Perimeter

Description:

ask the user for an integer value that represents the radius of a circle. Compute the Area and Perimeter.

[[ 3.14 should be used for pi ]]

also assume that same value represents the length of a side of a square. Compute the Area and Perimeter. Carefully consider the date types of your variables. “It works” is not sufficient for full points.

Code:

**Paste code here (maintain 12-pt courier bold)**

Sample Output:

**Paste output here (maintain 12-pt courier bold)**