Your Name: _____   TA's Name: _____
ID#:   _____   Section #:   _____

Take Home: Quiz 2 (15 pts) – Introduction to Computer Programming and C

Using Blackboard Learn https://learn.wsu.edu/webapps/login/ submit your quiz. You will submit your assignment in the *lab* Blackboard space. Under the "Content" link navigate to the "Quiz Submissions" folder and upload your solution to the appropriate "Quiz" space. You must upload your solution, through an attachment, as <your last name>_quiz2.pdf by the due date and time. The quiz is due before your Lab 2 starts.

1. (2 pts) What is the resultant *ASCII* value of 'D' + 32? _____

2. (2 pts) The _____ standard library function is used to compute the square root of a number.

3. (2 pts) If we take any positive integer, x, and mod it by 5 (i.e. x % 5), what are the possible results? _____

4. (3 pts) What C data types should be used to represent the following? For each blank, you may list *int*, *double*, or *char* only. These types may be used multiple times.

   a. Grade point average (GPA) _____
   b. Number of pages in a book _____
   c. Cost of a pizza _____

5. (6 pts) Circle or underline all syntax, logic, and runtime errors found in the following C fragment. Be sure to circle or underline all omitted keywords, values, and punctuation. You are required to correct each error. My corrections are in this color

```
        #include <studio.h>
1: #include <stdio.h>
        int main (void);  2: int main (void) { [body of main] }
        {
                char character1 = \0, character2 = '\0';
        6: printf ();                4: character1 = '\0',
                print ("Enter two characters: ");
                scanf ("%c c", &character1 character2);
        3: scanf ("%c%c", ...);            5: &character1, &character2);
                return 0;
        }
```