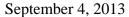
## CptS 121 – Program Design and Development





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Take Home: Quiz 2 (20 pts) - Introduction to Computer Programming and C

NOTE: Submit a hard-copy to your lab by no later than next week!

- 1. (2 pts) In your own words, what is a structure chart?
  - a. A structure chart is a flow chart that describes what the program will do. The problem is divided up into small sub-problems which can be solved using different functions/methods.
- 2. (2 pts) True/False: An integer number, *n*, may be determined to be even or odd by evaluating the following expression: n % 2. True
- 3. (2 pts) What is the resultant ASCII value of 'D' + 4? \_\_\_H\_\_\_\_
- 4. (2 pts) The printf() in the <stdio.h> library is the library standard library function is used to display information to a screen.
- 5. (2 pts) Every C program begins execution at the function: main().
- 6. (3 pts) What C data types should be used to represent the following? You may list *int*, *double*, and/or *char* only.
  - a. Average height, in inches, of humans \_double\_(because division)
  - b. IQ int\_\_\_\_\_
  - c. Eye color \_char\_\_\_\_
- 7. (7 pts) Circle or underline all syntax, logic, and runtime errors found in the following C fragment. Be sure to circle omitted keywords, values, and punctuation.

Instructor: Andrew S. O'Fallon