

CMP167 – Quiz #04

Instructor: Michael Iannelli

Name: _____

Results: _____

Class: _____

Date: _____

1. The part of a program that uses a function is called the:
 - a. user
 - b. caller
 - c. callee
 - d. statement
2. If a function returns a value, it should generally be called from:
 - a. An expression
 - b. A different function
 - c. `main`
 - d. A different program
3. The literals for type `bool` are:
 - a. `T, F`
 - b. `True, False`
 - c. `true, false`
 - d. `1, 0`
4. A structure in which one decision leads to another set of decisions, which leads to another set of decisions, etc. is called a:
 - a. Boss structure
 - b. web
 - c. tree
 - d. trap

5. What is the difference between a class and an object?

6. Write a function that accepts a quiz score as an integer parameter and returns a letter grade depending on what the grade is (90-100: A, 80-89: B, 70-79: C, 69 and below: F).

7. Write a function that accepts a list of integers as a parameter and returns the sum of each of the numbers in that list that is divisible by 3 but not 5.

Extra Credit: In python a function can have multiple return values by the use of a tuple in the form:

`return (<return value 1>, <return value 2>)`. Ex. Returning the numbers 1 and 3 is accomplished by:

`return (1, 3)`. Write a program that accepts a list of integers as a parameter and returns two values, the sum of all numbers divisible by 4 and the sum of all numbers divisible by 5. Use the reverse side of this page for your answer.