

# CS2303 Quiz 4

functions / methods

August 14, 2019

Name:  
WPI email:

Total out of 2.5 points:

1. (0.357 points) What is a function, a method. Give an example in pseudocode.
2. (0.357 points) What is the relationship between a function and a function prototype?
3. (0.357 points) A primitive datatype is defined by the language, and a user-defined datatype is defined by the developer. A user-defined datatype is built up from components. Ultimately, the components are built up from primitive datatypes. A function is developer-defined, as a user defined datatype is. What is the primitive element from which functions are ultimately constructed?
4. (0.357 points) Give one purpose for which a function would be used in a program. Give an example in pseudocode.
5. (0.357 points) What is the relationship between a function in code, and a message in a sequence diagram?
6. (0.357 points) Explain why a function should be treated as a collection of statements before it is thoroughly tested, and a unit after it is thoroughly tested.
7. (0.357 points) How might functions help developers think at higher levels of abstraction?