

CIS 225

Quiz 1 – Understanding programming terminology & class layouts.

Write a java program in BlueJ that contains one class. The class should be in a package called QuizOne. Ensure that its state includes three fields. One field should be of a primitive type that accepts whole numbers which will hold a person's age, another should be a primitive type that accepts decimal numbers which will be the cost of a book purchase, and the last field should be a class reference (object) type that will be a person's last name. Ensure the behavior of the class includes mutator and accessor methods for each field. Each mutator method signature must include a formal parameter that initializes its field to the parameterized value. Write a constructor that initializes each field to a default starting value. Write a worker method that contains a variable that is locally-scoped and is assigned a tax amount. Allow the variable to be added to the cost field, increasing it by the resultant amount. Include JavaDoc for the class, constructor, and each method. Include a single-line comment in the worker method describing the local variable.

