Activity 10.1.4

1. A class that can serve as the basis for another class is called a \_\_\_\_\_ class.

|  |  |
| --- | --- |
|  | Answer: base   1. Class Dwelling has data members door1, door2, door3. A class House is derived from Dwelling and has data members wVal, xVal, yVal, zVal. The definition and initialization House h = new House(); creates how many data members?   Answer: 7 |

Activity 10.2.1

1. Yes
2. Yes
3. No
4. Yes
5. No

Activity Set 10.3.1

1. GenericItem
2. ProduceItem
3. Super.printItem();
4. GenericItem

Activity Set 10.4.2

1. False
2. True
3. True
4. False

Assessment Questions

1. It does have a constructor because it is an object designed to create the type “Counter”
2. Counter doesn’t have a main because the main rests inside of runner. Counter is an object.
3. We know that it inherits from Counter because it has the command “extends”
4. **public** ModNCounter (**int** n) {

cycleLength = n;

1. No it is not visible to counter,
2. They call to the parent methods.
3. It calls to its parent method.
4. No
5. No