Name: Casey Sorrells worksheet12A  
  
Suppose I have this snippet of code:  
DoMath math = new DoMath();  
int sum = math.add(2,3);  
  
DoMath is the name of a class.  
math is the name of a variable.  
= is assigning a new DoMath object to the variable math  
new is the java operator for creating new objects  
DoMath() is the constructor.  
int is a data type of the sum variable  
sum is the name of a variable  
= is assigning the sum of the add method to the variable sum  
math is the name of a variable.  
add is the name of a method  
2 is an argument that is passed into the method  
3 is an argument that is passed into the method  
  
In the following snippet of code , identify each and every word, operator, and number:  
Student johnDoe = new Student(”John Doe”);  
String name = johnDoe.getName();

Student is a Class

johnDoe is a Variable

= assigns the new Student object to the johnDoe variable

new is the java operator for creating new objects

Student() is the constructor.

“John Doe” is a String argument passed into the Student() constructor/method

String is the data type of the name variable

name is the name of a variable

= is assigning the value returned from the getName() method to the String name.

johnDoe is the name of a variable.

getName() is the name of a method, it returns “John Doe”