

Term	Definition
Abstract data type	An abstract data type is a type whose implementation is hidden and access through its public methods.
Abstraction	Abstraction is the programming feature that allows you to use a method name to encapsulate a series of statements.
Access modifier	Access modifier is sometimes used as another term for access specifier.
Accessor methods	Accessor methods retrieve values.
Actual parameters	Actual parameters are the arguments in a method call.
Arguments	Arguments are data items sent to methods in a method call.
Black box	A black box is a device you can use without understanding how it works.
Class client class user	A class client or class user is an application or class that instantiates objects of another prewritten class.
Classes	Classes can be extended used as a basis for any other class.
Client method	A client method is a method that calls another.
Constructor	A constructor is a method that establishes an object.
Dead code	Dead code is a set of statements that are logically unreachable.
Declaration	A declaration is another name for a method header.
Default constructor	A default constructor is one that is created automatically by the Java compiler.
Fields	Fields are data variables declared in a class outside of any method.
Formal parameters	Formal parameters are the variables in a method declaration that accept the values from actual parameters.
Fully qualified identifier	A fully qualified identifier includes a class name and a dot before the identifier.
Implementation hiding	Implementation hiding is a principle of object-oriented programming that describes the encapsulation of method details within a class.

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Information hiding	Information hiding is the object-oriented programming principle used when creating private access for data fields; a class's private data can be changed or manipulated only by a class's own methods and not by methods that belong to other classes.
Instance variables	The instance variables of a class are its data components.
Instantiation	An instantiation of a class is an object; in other words, it is one tangible example of a class.
Interface	The interface to a method includes the method's return type, name, and arguments. It is the part that a client sees and uses.
Invoke call	When you invoke or call a method, you execute it.
Is-a relationship	An is-a relationship is the relationship between an object and the class of which it is a member.
Local variable	A local variable is known only within the boundaries of a method.
Method	A method is a program module that contains a series of statements that carry out a task.
Method call	The calling method makes a method call that invokes the called method.
Method body	A method body is the set of statements between curly braces that follow the header and that carry out the method's actions.
Method's type	A method's type is its return type.
Method's signature	A method's signature is the combination of the method name and the number, types, and order of arguments. '
Mutator methods	Mutator methods set values.
New operator	The new operator allocates the memory needed to hold an object.
Nonstatic methods	Nonstatic methods , those methods used with object instantiations, are called instance methods.
Parameters	Parameters are the data items received by a method.
Primary key	A primary key is a unique identifier for data within a database.

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Private access	Assigning private access to a field means that no other classes can access the field's values, and only methods of the same class are allowed to set, get, or otherwise use private variables.
Programmer-defined data type	A programmer-defined data type is one that is created by a programmer and not built into the language.
Reference to an object	A reference to an object is the name for a memory address where the object is held.
Return a value	To return a value is to send the value from a called method back to the calling method.
Return statement	A return statement ends a method and frequently sends a value from a called method back to the calling method.
Return type	A return type indicates the type of data that, upon completion of the method, is sent back to its calling method.
Stub	A stub is a method that contains no statements; programmers create stubs as temporary placeholders during the program development process.
Unreachable statements	Unreachable statements are those that cannot be executed because the logical path can never encounter them; an unreachable statement causes a compiler error.
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Note: Please see key terms in the textbooks for examples of some of the terms.