

JAVA

Keywords in java:

In Java, many predefined words are already present (inbuilt) and they have some predefined meaning, which we call as Java keyword/reserved word.

- Java is case sensitive, hence all the keywords must be in lowercase.

The following are the Java keywords. These keywords must not be used as Java identifiers:

S.No	Keyword	Description
1.	<code>abstract</code>	Specifies that a class or method will be implemented later, in a subclass
2.	<code>assert</code>	Assert describes a predicate placed in a java program to indicate that the developer thinks that the predicate is always true at that place.
3.	<code>boolean</code>	A data type that can hold True and False values only
4.	<code>break</code>	A control statement for breaking out of loops.
5.	<code>byte</code>	A data type that can hold 8-bit data values
6.	<code>case</code>	Used in switch statements to mark blocks of text
7.	<code>catch</code>	Catches exceptions generated by try statements
8.	<code>char</code>	A data type that can hold unsigned 16-bit Unicode characters
9.	<code>class</code>	Declares a new class
10.	<code>continue</code>	Sends control back outside a loop
11.	<code>default</code>	Specifies the default block of code in a switch statement
12.	<code>do</code>	Starts a do-while loop
13.	<code>double</code>	A data type that can hold 64-bit floating-point numbers
14.	<code>else</code>	Indicates alternative branches in an if statement

JAVA

15.	<code>enum</code>	A Java keyword is used to declare an enumerated type. Enumerations extend the base class.
16.	<code>extends</code>	Indicates that a class is derived from another class or interface
17.	<code>final</code>	Indicates that a variable holds a constant value or that a method will not be overridden
18.	<code>finally</code>	Indicates a block of code in a try-catch structure that will always be executed
19.	<code>float</code>	A data type that holds a 32-bit floating-point number
20.	<code>for</code>	Used to start a for loop
21.	<code>if</code>	Tests a true/false expression and branches accordingly
22.	<code>implements</code>	Specifies that a class implements an interface
23.	<code>import</code>	References other classes
24.	<code>instanceof</code>	Indicates whether an object is an instance of a specific class or implements an interface
25.	<code>int</code>	A data type that can hold a 32-bit signed integer
26.	<code>interface</code>	Declares an interface
27.	<code>long</code>	A data type that holds a 64-bit integer
28.	<code>native</code>	Specifies that a method is implemented with native (platform-specific) code
29.	<code>new</code>	Creates new objects
30.	<code>null</code>	This indicates that a reference does not refer to anything
31.	<code>package</code>	Declares a Java package
32.	<code>private</code>	An access specifier indicating that a method or variable may be accessed only in the class it's declared in
33.	<code>protected</code>	An access specifier indicating that a method or variable may only be accessed in the class it's

		declared in (or a subclass of the class it's declared in or other classes in the same package)
34.	<code>public</code>	An access specifier used for classes, interfaces, methods, and variables indicating that an item is accessible throughout the application (or where the class that defines it is accessible)
35.	<code>return</code>	Sends control and possibly a return value back from a called method
36.	<code>short</code>	A data type that can hold a 16-bit integer
37.	<code>static</code>	Indicates that a variable or method is a class method (rather than being limited to one particular object).
38.	<code>strictfp</code>	A Java keyword is used to restrict the precision and rounding of floating-point calculations to ensure portability.
39.	<code>super</code>	Refers to a class's base class (used in a method or class constructor)
40.	<code>switch</code>	A statement that executes code based on a test value
41.	<code>synchronized</code>	Specifies critical sections or methods in multithreaded code
42.	<code>this</code>	Refers to the current object in a method or constructor
43.	<code>throw</code>	Creates an exception
44.	<code>throws</code>	Indicates what exceptions may be thrown by a method
45.	<code>transient</code>	Specifies that a variable is not part of an object's persistent state
46.	<code>try</code>	Starts a block of code that will be tested for exceptions
47.	<code>void</code>	Specifies that a method does not have a return value
48.	<code>volatile</code>	This indicates that a variable may change asynchronously
49.	<code>while</code>	Starts a while loop
