

Java Keywords Cheat Sheet (javaconceptoftheday.com)

| Data Types | | OOP Concepts | |
|--|---|-----------------------|--|
| byte | Used to declare primitive byte type of variables. | class | Used to define a class. |
| short | Used to declare primitive short type of variables. | new | Used while instantiating a class. |
| int | Used to declare primitive integer type of variables. | static | Used to define static members of a class. |
| long | Used to declare primitive long type of variables. | interface | Used to define an interface. |
| float | Used to declare primitive float type of variables. | extends | Used to extend a class. |
| double | Used to declare primitive double type of variables. | implements | Used to implement an interface. |
| char | Used to declare primitive character type of variables. | super | Used to access super class members inside a sub class. |
| boolean | Used to declare primitive boolean type of variables. | this | Used to access other members of the same class. |
| var (From Java 10) | Used to declare a variable of any type. | abstract | Used to define abstract classes and abstract methods. |
| Control Flow Statements | | final | Used to define final classes and final methods. |
| if | Used to define if condition statements or blocks. | package | Used to specify a package for the current file. |
| else | Used in if-else blocks. | enum | Used to define enum types. |
| for | Used to define for loops. | Access Modifiers | |
| while | Used to define while loops. | private | Used to define private fields, private methods and private constructors. |
| do | Used in do-while loops. | protected | Used to define protected fields, protected methods and protected constructors. |
| switch | Used to define switch blocks or switch expressions (From Java 12). | public | Used to define public classes, public fields, public methods and public constructors. |
| case | Used to define case labels in a switch block. | Exception Handling | |
| break | Used to break a loop or a block. | try | Used to define a try block. |
| continue | Stops current iteration and starts next iteration in a loop. | catch | Used to define a catch block. |
| default | Used for default case label in a switch block and also used for default methods (From Java 8). | finally | Used to define a finally block. |
| yield (From Java 13) | Used in switch expressions. | throw | Used to throw an exception manually. |
| Threads | | throws | Used to specify the exceptions which may be thrown by the current method. |
| synchronized | Used to define synchronized blocks. | Others | |
| volatile | Used to define a volatile field whose value is always read from the main memory. | void | Used to indicate that method returns nothing. |
| Java 9 Modules | | return | Used to return a value from a method or a block. |
| module | Used to define a module. | transient | Used in serialization. A variable which is declared as transient will not be eligible for serialization. |
| exports | Used to export all public members of a package in a module. | strictfp | Used to implement the strict precision of floating point calculations on different platforms. |
| requires | Used to specify required libraries inside a module. | import | Used to import external resources into current Java file. |
| open | Used to create an open module. An open module grants reflective access of all of its packages to other modules. | instanceOf | Used to check whether an object is of specified type. |
| opens | Used to expose specific packages for reflective access by other modules. | native | Used with a method to indicate that a particular method is implemented in native code using Java Native Interfaces(JNI). |
| uses | It specifies the services consumed by the current module. | record (From Java 14) | Used to define a special type of classes which just acts as a data carrier. |
| provides | It specifies services provided by the current module. | assert | Used in debugging. |
| Java 17 Sealed Classes & Interfaces | | const | Reserved but not used. |
| sealed | Used to define sealed classes and interfaces. | goto | Reserved but not used. |
| non-sealed | Used to define non-sealed classes and interfaces. | _ (Underscore) | From Java 9, _ (underscore) has become a keyword and hence can't be used as an identifier anymore. |
| permits | Used to specify the sub classes that can extend the sealed class directly. | | |
| Note : true, false and null are not the keywords but reserved for literal values and hence can't be used as identifiers. | | | |