

## Keyword

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A reserved word is reserved identifier. It is used to perform some unique operation by compiler and JVM. it has special meaning in a java program outside comments and string.

A reserved word is used for communicating with compiler JVM to perform some operation inside a java program. Internally every keyword will contain some logic to perform one unique operation

Different operations we can perform using keywords

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|---------------------------------------------------------------------------------|----------------------------------------------|
| 1. Package creation and usage                                                   | package, import                              |
| 2. Class creation                                                               | class, interface, enum                       |
| 3. Variable creation<br>boolean, void                                           | byte, short, int, long, float, double, char, |
| 4. Memory allocation                                                            | static, new                                  |
| 5. Controlling execution flow<br>do, break, return, continue                    | if, else, switch, case, default, for, while, |
| 6. Setting accessibility permission                                             | private, -----, protected, public            |
| 7. Setting execution level permission<br>volatile, synchronized, strictfp (1.2) | static, final, abstract, native, transient,  |
| 8. Establishing inheritance                                                     | extends, implements                          |
| 9. Representing object and its members                                          | this, super, instanceof                      |
| 10. Handling user mistakes<br>assert (1.4)                                      | try, catch, finally, throw, throws,          |
| 11. Unimplemented keywords                                                      | goto, const                                  |

Default literals: null, true, false

**Identify keyword in the below list**

Static, final, synchronize, Package, imported, Public, main, object, void, instanceof, strictf, Void, String, do while, Enumeration, null, finalize, sizeOf, annotation