Reserved Words

Reserved words (53)

Literals (3)

Keywords (50)

Unused (2)

Used (48)

Data types (8)

Control flows (11)

Modifiers (11)

Exception Handling (6)

Class related (6)

Object related (4)

return type (1)

enum (1)

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Reserved words (53)

Literals (3)

1. true
2. false
3. null

Keywords (50)

Unused (2)

1. goto
2. const

Used (48)

Data types (8)

1. byte
2. short
3. int
4. long
5. float
6. double
7. Boolean
8. char

Control flows (11)

1. if
2. else
3. switch
4. case
5. default
6. for
7. while
8. do
9. break
10. continue
11. return

Modifiers (11)

1. public
2. protected
3. private
4. final
5. abstract
6. static
7. synchronized
8. native
9. strictfp (1.2v)
10. transient
11. volatile

Exception Handling (6)

1. try
2. catch
3. finally
4. throw
5. throws
6. assert(1.4v)

Class related keywords (6)

1. package
2. import
3. class
4. interface
5. extends
6. implements

Object related keywords (4)

1. new
2. this
3. super
4. instanceof

void return type (1)

1. void

enum (1)

1. enum (1.5v)

in ‘C’ language return type is optional and default return type is int.

Unused keywords (2)

goto : usage of goto keyword created several problems in old languages like c or c++, hence sun people banned this keyword in java.

const : use final instead of const

goto and const are unused keyword, if we are trying to use then we will get compile time error

Reserved Literals

true, false values for Boolean datatype

null default value for Object reference

enum

we will use enum to define a group of named constants

|  |
| --- |
| public class Test {  enum Month {  Jan,  Feb,  March;  }  enum Week {  Monday,  Tuesday,  Thursday;  }  public static void main(String args[]) {  }  } |

Conclusions

1. All 53 reserved words in java contain only lower case alphabet symbols
2. In java we have new keyword but not delete because destruction of useless objects is the responsibility of Garbage Collector.
3. The new keywords in java are
   1. strictfp (1.2v)
   2. assert (1.4 v)
   3. enum (1.5 v)
4. const but not constant

instanceof but not instanceOf

strictfp but not StrictFp

synchronized but not synchronize

implements but not implement

extends but not extend

import but not imports

FAQs

Which of the following list contains only java reserved words?

New, delete

goto, constant

break, continue, return, exit

final, finally, finalize

throw, throws, thrown

notify, notifyAll

implements, extends, imports

sizeof, instanceof

instanceOf, stricfFp

byte, short, Int

none of the above

Which of the following are valid java reserved words?

public

static

void

main

String

args