JAVA decture-# Language Fundamentals Identifives Described woods

Data Types

Literals

Diverses

Type of Verrial

New- arg met

Main mothod

Command- line

Jana Cooling St Type of Vouriables vicur ary methods Command-line augument Jana Cooling standard. Identifier! A name in Java program is called identifier which class / variable / dabel name. public static void main (string[] augs) class Test ? { int n = 10; } many identifiers ever there? 0 > How A-) 5 # Rules for defining Java Identifiers 1 The only allowed alphabet characters in Java Identifiers are atoz, Atoz, 0-9, \$, -If we are using any other character, we will get compile time

ěthan.

- 1.9 itotal mamber x
- g. Identificus can't starts with diga.
 123 total X
- 3. Jana identifiers are case-sensitive. Jana itself is breated as constitute programming language

Class Test # we can differentiate

{ int number = 10; with case
int Number = 20;
int Number = 30;
}

- There is no length limit for Java Identifiers. But it is not electronimended to take too lengthy identifiers.
- 5. We can't use visserved words as identifiers.

 eg. int n = 10; V

 int if = 50; X
- 6. All predifined tous class names and interface names, we can use as identifiers.
 - eg. int String = 888 / int Runnable = 999

Even though it is valid, but its not a good pouguamming practice because it loses readability.

which of the following over ralid Tora identifiers? 1. total member V 2. total# 3 123 total x 4. ctotal 123 ~ 5. cash 6. -\$ 1-\$-7. all@hands x 8 Janashare V 9. Integer 10. Int V 11. int X Reserved woods In Java, some woods are versured to represent meaning & functionality, such words are called viewwed words. Resolved Words (53) Reserved, literals (3) Keywoods (50): Unused (2) true Used keywords (48) false - if null else SWACh const 2 so on.

Keywoods for Data-Types -> 8

| (8) | | | |
|--|---|--|--|
| 1. byte 2. short | Cos flows compol (11 | for modifier (11) | for exception Hardling |
| 3. long. 4 unt 5 float 6 double 7 chave 8 boolean. | 1. Jf 2. else 3. switch 4. can 5. default 6. while 7. do 8. for | 1. public 2. porivate 3. porotected 4. static 5. final 6. abstract 7. synchronized 8. mative | 1. they 2. catch 3. finally 4 therous 5. therous 6. assert |
| (law-sulated Keywoods (6) | 9. beleak lo. Centiviue 11. Metuum | 9. stransient 10. Volatile 11. Strictep (1.2) | 1. new small |
| 1. Class 2. interface 3. extends 4. implements | Return type keywood 1. Void | Unusa Keywaal (2) | 2. instanceons 3. super 4. Unis |
| 5. package 6 import | J. enum | 2. Const | Reserved literals 1. true 2. false 3. null |

In Java, occurrentype is mandatory, if method don't octuren anything we have to declare that method with method with method. But in C language, return type is optional and default victurentype is optional and default victurentype is int.

the Usage of goto created several problems in older language, so panned this "goto" we keyword in Java.

goto and const are unused keywords. But if we still use, we will get compile time everone.

-> Reserved Literals

when, false for boolean values.

new for default value for object eleference.

enum keyword (1.5)

=) We can use enum to define a group of named constants.

E JAN, FEB, ..., PEC;

+ All 53 occurred words in Java contain only lowercase alphabet

symbols.

In Java, we have only new keyword and there is no delete keyword because delicion of new abject in the oterpossibility of garbage collector.

+ The following are new keywords in Java >

1. strictp (1.2) - Came in 1.2 version

2. assert (1.4)

3. erum (1.5)

=> abiletep but not stoketep

=> instanceof but not instanceOf

3. Syndronized butnot synchronize
4. Extends butnot extend
5. implements but not implement
6. import butnot imports
7. const but not constant.

Quiwhich of the following list contains only Java surved words?

new, delite
goto, constant
becak, continue, evetaen, evit
final, finally, finalize
throw, throws, thrown
hotify, notify All
implements, extends, imports
Sizeof, instanceof
instanceof, strict Fp
byty short, Int
None of the above

one Java reserved words?

C

C

0

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Static Void V
main X - name of method
String X - name of povedefined
angs. X Class

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