02.05.19. Aller . readmen . valle Language Fundamentals. 1. Identifiers 2. Reserved words 3. Datatypes testetal - invalid, x 4. literals. 5. Arrays. (3.) Dava identificas ase cose cose densi 6. Types of variables. 7. Van- and methods (1.5 version) care sensifins backsow landans 8. main methods 9. comman-line anguments to. Java coding standards or = Radmun +ni) & Identifiers: a name in Java program is called as identifier which can be used tor identification purpose. It can be method name, on vaniable name class name von label name. eg: class Test: Desharma - 3 - 3 - 4 Public staic void main (string [] angs) predefined java class 100 = 100 = 1 my all Rules tor defining Java identifien: 1. The only allowed character in Java Polentiffens one (a to 2) (A to 2), (0 to 9), \$, - (undersuore)

If we are using any other character we will get compile time enor

- eg: total-number valid total # invalid \*
- (2) Identifier can't stant with digit seed of total 183 valid ~
- 3.) Java identifiers are cose consitive. Ascourse Java language itself is tenerated as a case sensitive program language.

eg: class test

showhard paires and among of the number = 10;

we can a fint number = 10;

alifterentiate fint Number = 20; a soffitable

w. r. to case. fint Number = 80; a soffitable

w. r. to case.

- 4) there is no length limit for Java Palentiffen but it is not recomended to take too lengthy identiffen.
- D we can't use neserved words as identifiers

eg: int n = 10; -valid

int if = 20; -invalid.

Deserved word

	6) au predefined java	class hame k	ranciface name
	we can use as Polentifi		
	eg: class Test	some meanin	\$11933F7 16
Val	¿S public static ve	oid main (String f	Jaigs)
	on. ) & int string =	888	Int Runnable=
	system. out. P	rintln Wtring);	S. D. p. In ( Punna 2
	2	(03) spram	13.
	eventhough it is valid.	But is not a	programming
	Practice it reduces the	Reddability	and create
	MARLIN	103	C48)
		tonot doto.	
	Enercise: which of othe tollowing of	one valid Java	identitien.
	1) total-number -	* double	styd *
		* booten	trons 4
	8 total # - x 8 183 total - x	reads to	* Port
			gras *
	@ total 183 - V		* Heat
	6 cash	or Flew controls	pequaevola to
	6-5-5-5-		
	1 all @hands _ x	alinos *	书本
	& Java & Shane -	7分米	9819 *
	@ Integer -	* break	454032 **
		* continue * * * * * * * * * * * * * * * * * * *	
	m int		

Reserved words: 53 0 000 0 000 100 000 In Java, some words one Reserved to represent some meaning or functionality such type of words one coured reserved words. Reserved words (53) with function of alternation with function Reserved atenals (3) · keywords (50) -> true vould, But is almose de 3 14 mother multipletices Regword keyword (48) (2) confuspos + const of goto. Enercise: keywords for datatypes: (8) prima hat and on minos \* dyte \* double (1) total-numbers \* short \* bootean (2) total # \* Pnt \* chow (3) 1833 total \* long 19 total 183 \* Hoat B couph keywords for Flow controlicity \* white \* 1 M all Ebands 米do \* else \*for SENAZO AVAT \* switch \* break \* case \* continue \* default \* Return.

```
keywords for modifiers (2): (11)
*Protected * native

* static * strictfpc1.84)
* Final * transient posses of some of
Keywords for enception handling: (6)
try try *throws one taying to ouse we will have the court of home
* tinally
                         compile time error
# throw
                         reservened literals:
* assent (1.4V)
class Related keywords: (b)

* class * Package * 9211
               * import
* interface
 new - default value for object safabasses *
 * implements
eve can use enum to define a quiso *
 * instance of
                            named constant.
 * Supen
 * this muns
                       eq: enum menti;
Void Returntype keyword:
 * void.
      In Java Return type is mandatory it a
 method won't peturn anything then we have to
```

method won't peturn anything then we have to declare the method with void Return type But in clang. Return type is optional under detaut return type is "int"

unused keywords: and asjarsfillsom asfalmonigan Doto: an unage of goto create a several problem in old languages and hence some people band these keyword in Java. \* @ const: use of "Final" instead of const. Keywords for exception handlings (6) Note: goto and const are unused keywords and if we one trying to use we will get primait \* compile time error. word \* Reservered literals! (V4.1) + R9020 % true ? - values tor Boolean 22000 % doita type \* interface \* nell - default value for object reference? 2+monosigmi \* enum keyword i. (1.5 verzien) may six bothole to a for cue can use enum to define a group of 然 instance of named constant. eg: enum month. enum Been JAN, FEB, ... DEO SKE, RO, PC, FO \* vold. } In Dava Return type is mandatory if a method won't percise angining then we nawe to declare the method cutth voted tectum type But in clang, texus type & options which " Jin 29 salpt arists thenten