Dant
Open Source general by by bas parameter language
developed by coocle:
Den Source general Purpose Programming language developed by google.  Supports application development in both
Client & Josses Stde.
bears a Strong nesemblance to Javo, C4 J3.
- launched 9n 2011, became Potulars after 2015.
Dant SDK
Dant dant2 chiect Ordented  VM Ss. Programming Language
<u>08.</u> 1 0 0
Compriation: don't < file-name> **
_ · · · · · · · · · · · · · · · · · · ·
Comments: Portions of the ede, not executed by
The compiler. They are kept as a description
of the Program.
They are a set of statements which provide
Provide a proper documentation of the Gode.
Types of don't Comments:
1) Single line comment (//) & Used to comment until
a break occurs.
2) Oarst Multilune comment (14 */): Used to
Commenta Whole Section of the code.
Stant
Stant ]
// Thus is a Single line.
/ <del>*</del>

\* This is \* multiline

Ar/

Documentation Comments & Sheard comments used to provide neferences to Packages . A sevent oct of pour of the 1) // -> C# Style 1 = 100 part a health of 2) / \*\* A/ -> Javadac Style. Vapiables in Dapt & It is a name assigned, to a memony Location, where the user Stones data. The data can be fetched any time by calling the name of the variable. There are various types of variables that Stone vanious types of data. The Parsable we Shall use, depends on the type of data to be Stone. To declare a parovable (Variable\_name) Types of Vansables Aule 9 Integer (-1,1,6,2,...) 9) Variable names can't be Double (1.23, 6.11, 2.3, ...) identifiens on key wonds. Strong (a", "name") PS Vaniable names can conteur althobets on numbers. Booleans (trove, false) off) Cannot contain Spaces on Special Characters, except List Dank Tong Mapa equal (v) Variable names cannot begin with numbers don't supports type checking in and the said with surprise private costs beginned at tome to bour

reywoods

A Standard Set of neserved words, whose functions name Proedefined. They cannot be used as variable

abstract continue new this as false  trove: Anal new default throws finally  Gatch do for troy catch get  dynamic rectand typedef of else van  browder enum soid ont Strong  double bool list map of melements set  Switch case whole state import export  on external the super work class  extends of seconds gueld from		1		6		
trove: Anal new Jefault throws finally gatch do for troy catch get  Synamic roethow typedef of else van  roeturn broealn enum sold ont Strong  Jouble bool list map omplement set  Switch case whole state import export  on external this super work elass  extends os const.	,	contenue .	neto	this	00	folgo
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dynamic methrow typedef of else van neturn broealn enum sold ont Strong double 6001 list map of other set Switch case whole state of other external of the super work elass extends of sections to the super work elass	Gatch	10, 88	100	1211 201	The state of the s	
neturn brocalt enum sold ent Strong  double bool list map emplement set  Switch case where strute export export  external this super week elass  extends 98 const	Jynamic	nethow	C PASTINET I	0		0
double 600/ list map emplements set switch case where states emport export extends 9s const when we should be super with elass	neturn		0			
Switch case while state import export  In external this super with class  extends of super with class	double	6001		The Complete	N AND T	Strong
extends of Const 1 100 West extent	Switch					set'
extends 98 Const 4 100	9n	extennal			PmPont.	export
const gield foot			~	ald commerce	WPSh	elass .
Tucrony 1			Const	gield	factory	00.1
	7				0	0

Datatypes

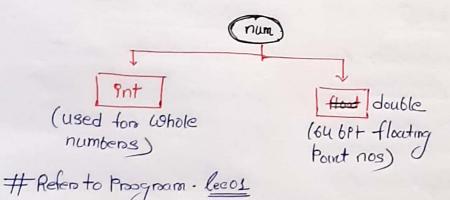
a Vaniables Stones Some data, which can be numbers, textual data on logic (troue | False).

- Each Janiable 13 Proceeded with a datatype that determines the type of data to be stoned. <a href="https://data-types.com/da

- L. In 'Dant' we have special heywoods to defenmene, the data type for each Vaniable.
- La Sence dant is a Statically typed on language the datatype of a variable is decided before nuntime. and cannot be changed laters, during rounding.

Datatype	Keywood	Description
Numbers	Pnt, double, num, BigInt	used to netrocsent, numerical literals (1,2,3,6.403, etc)
Text	Strong	"Pokemon", 'abe', "andy" ete.
Booleans	bool	he Proesents boolean Values trove on false.
LPst	List	ondened groups of objects. [11213], ["a", "b", "c")
Mats	Мар	helpesonts a set of key value haves.

Numbers: used to hold numerical data



Text: used to stone textual data, to methorsent text,
The strong Keyword is used.

L. A Straing 9s a Sequence of Characters. (UTF-16).

A strong can be netrosented using Single quotes (")

double quotes ("")

Boolean: The boolean datatype is used to stone a logical trave/ False value. He use the book lieg wood to declare the book dataty be. (112,3,6,403, etc). List: A List is an ondered collection of obsects: In I Where within the 1ist each object is decessed by an Index F. The index Stants at 'O' posselved ine Passente bosten. Balue 8et: A Set also Stones a collection of obsects, but it only stones unique objects. No perented clements can be stoned in a Set. Maps & A map also can stone a collection, but it does So, in the formation of key-value Pains. Hene we map one obsect (key) to another obsect (value). \* dynamic: It is a treymond which when Proceeded before a variable name Signifies that the Variable can Stone any datatype. (The data type can also de beat bost) Changed during puntime.). numbers Wan is also used to stope multiple dutatypes but a moment a value pr dissigned to ptallit takes the datatype of the assigned value. Once 9t adopts a given dataty per 94 cannot be Single guotes (1) fould funtes (" ")