Java Syntax

Every line of rate that runs in Java must be inside a class or A class should always strat with an uppercase fort letter.

Tava is one-sensitive: "My dans" or "my class" has different meaning.

Java lile must match the dans name.

saving the file-> wing the class name> add. "Java" to the end of the filename
The main Mother :

try code inside the main () method will be executed.

that every Javaprogram has a dars name which must match the filename or that every program must contain the main () method

System. out. print (n1):

Println() method to print a line of text to the screen.

dy > beginning or end of a block of wode out > output print ln () > 'print line" cach ude end with a semicolon (;)

Java output / print

Printext:

Print In method to earput values or print text in Jaca.

Ex :

System out print in ("Hello world!");

Double outers: The text it must be wrapped inside double quistations (")
offenise ever occurs.

Ex!

System out printly (" This sentence "),

the Pirnt () Method

Print () method stintlan to point In(), it does not known a new line at the end of the output.

Ex: System. out print ("Helloworld");

Print Numbers: We use print In () method to print numbers. We don't put numbers muide double questes.

Ex: system. out. println (3);

we can also perform matte materal calculations;

ex: system.out. print in (3+3);

Java, comments

It is used to explain Java vode or to make it more readable

Style-line comments

It start with two forward slashes (11)

Any text between 11 and the end of the 1the is ignored by Java (will not be executed)

EX:

system.out. println ("Hello world"); // This is wormment

Java multi-line comments:

If start with /* and ends with */
Any text between /* or */ will be ignored.

EX:

Athe code below . */ System.out. println ("Hello world")

Java varrables:

variables are containers for Horing clota values. It Java, there are Differently per of variables;

- * String stores text ("Hello")
- * Int stores integers (whole numbers) (123) (without documents)
- * float stores floating point numbers (19.99)
- * that stores single characters; such as 'a' or b'
 it is submounded by single quetes
- * boolean stores values with two states: (true or false)

Doctoring (menting) vanishes

to comate a variable, you must greifly the type or author it a value

Syntax

type voutable name = value : equal agan (=) usual to (Inter intor (X or Marme)

assign values to the variable

Arting name = "John"; System out printly (name);

* Int My Num = 5) system.out. pirntln (my name);

Finol Voutables

(This will declare the vowoble as "Final" or "constant", which means anchorageable or read -only)

Anal Int my num = 15; My Num = 20;