

Java > Pavely Objective oriented lang. (ODPA)
+ 100 Java works?
Java in both Compile and Interpreter
Source code
Byte code
Machine code
* JVM 1- Java Virtual Machine.
JAVA Installation?
Dovanload JDK (Java development Kit)
In 32 bit Computer auchiture Support before Java B and In 64 bit all west unalon Support.

This is only for Run a program

In this you can not wrik, modify:

Class: - first letter is capited (Pascal Naming)

function: - first letter is Small (Camel Naming)

Pascal Naming Conversation!

Ex. All Are brood, Add Two Num

-> fiss: letter in Capital

Camel Naming Conversation!

Cer add Two Number, add two num

-> front letter in small

is dealth of the sent on the sent of

in the terms of the

Package Comilo optional Package com.company; 3 class Name always in capital 1etter Public class Main & public static void main (String [] augs) Return Nothing function (always start with Small 1/ write your code. System. out. println (" Hello world"); In change line (In) Anything Point Statement

Package. There are two type of classes contain in Package. There are two type of fackage !
i) built in package

(ii) User defined package.

class! - Same type of function contain.

> Package Class Content function Contain Same type of operation contain

Data type !-

Data type are of two type: is primitive date type (ii) Non primitive data type.

(i) Primitive data type: - like float, int, byte, long, Chay, bool, Short.

int + integer (1,2,3) Chan + Characters (AIBIC) float + 0.33 decimal No. byte -> No. Contain (-127 to 128) long -> large No.

bool -) Toye, false Short & Integer store. double + large float No.

A Syntax !- Set of Rules is could Syntam
Variable!
This value Can be charal to a value
This value can be changed during execution.
of program.
int number = 8; Number Stored.
Pata type Variable Name
Ryles for declaring a Variable 1-
(i) Must not begin with digit
Ex. Lint V 2 R Number V

- (ii) Case Sensetive like ayush, Agush treated as different in Variable bez Java is Case Seneative.
- (iii) Space is not used in Variable Name En: int Number with = 2 X
- (iv) Nymber is in mid 11km int, Num1 = 8 v , Nam 2 Num c81

System. oud. point (" 4ello");

The toller is could

But in this Next time all statement in Single line

System. out. println (" Hello");

in this Next line jump curpore.

In in used to Jump the cursor in New line?

Operators & Expressions !-

Operators are used to perform operations on Variables and Values

0 perands operators Result

Type of operators!

7 Modulous / Reminder.

(1) Arithematic operator > +, -, *, /, 0/0, ++, --, ---

(it) Assignment Operator -> = , t=

(ii) Companision operator > == , 7, < {Return true, false }

(iv) logical operator > &&, 11, !

(1) Bitwise operator > 8, 1

logical operator: (And) && uses Both answer is true than Statement (64>8) & & (64>7)

True 000 (6478) & & (64<7) false

11 (or) Any one Pr true, Answer will be true Statement (64>8) 11 (64<9) True (64>8) 11. (68>60) True Statement (64<8) 11 (64 < 9) Hortomes / Kemindel False 1 (Not) Statement !- 8 1 9 True Statement 818

Precedence	and	Associativity	1
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Sign	o perato s/s	Aspociativity	Precedence
()	function call		Highest
LJ	Array Subscribt	Lefto to Right	14
	Dot (Member of Structure)		19
\rightarrow	Arrow (Memember of Structure)	()	/ ·
1	Cogical Not	9.50	1
_	one's complement	Right to left	
++	Unarrany minus Increament		
	decreament	Denpl	13
&	Address of	of district and the second	
(type)	Casting	, ;; îr m)	1 *
Size of	Stze of	S. A.	
*	Multiply	Left to Right	LA
	Divide	Central	12
(b).	Modulys (Reminder)		1
+	Add	Left to Right	1 9
	Subtract	सम्बंधिक है।	
	Left Shift Right Shift	Uft to Right	1-0
77	Right > hit	191 of 118	i A Ki

,	Less thou		
	Less than equal to greater than greater than equal to	Left to Right	9
	equal to (compension) Not equal to	left to Right	В
8	Bitwine AND	Left to Right	7
^	Bitwise XOR	left to Right	6
	Bitwine OR	Left to Right	5
& X	logical AND	left to Right	4
	hogical or	left to Right	2
?:	Conditional	Right to left	2
=,+=	Assignment operators	Right to left	T
	Compas	helf to Right	0
1	419 -414	1.1	bouest

Right to Right Means ______