

JAVA FUNDAMENTALS COURSE

JAVA OPERATORS



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Hello, welcome again. I hope you are ready to start this time.

We will study the issue of operators, this is the basis for the management of information when creating our programs in Java and operating with the data.

Are you ready? OK let's go!

OPERATORS

Type of Operators	Operators
Arithmetic operators	+ , - , * , / , %
Relationship operators	< , > , <= , >= , != , ==
Logical operators	&& o & , o , ! , ^
Unitary operators	~ , -
Bit-level operators	& , , ^ , << , >> , >>>
Assignment operators	++ , -- , = , *= , /= , %= , += , -= , <<= , >>= , >>>= , &= , = , ^=
Conditional operator	?:
Priority and evaluation order	() , [] , . , - ~ ! ++ -- , new (tipo) expresión , * / % , + - , << >> >>> , < <= > >= , == != , & , ^ , , && , , ? :

In order to perform any type of calculation and / or create our algorithms, it is necessary to use operators.

In the table shown we can observe the operators in Java, from arithmetic, relationship, logical, unit, bit, assignment, conditional operators, as well as the evaluation order (priority) of each one.

We are going to do some exercises to put this operators into practice.

RESERVED WORDS IN JAVA

abstract	do	import	public	throws
boolean	double	instanceof	return	transient
break	else	int	short	try
byte	extends	interface	static	void
case	final	long	strictfp	volatile
catch	finally	native	super	while
char	float	new	switch	
class	for	package	synchronized	
continue	if	private	this	
default	implements	protected	throw	
const	goto	Reserved words (without current use)		
null	true	false	Reserved Literals	

When working with Java, the language has previously defined several words that already have a particular meaning for the compiler, and therefore we can not use them for our purposes of assigning a name to a variable.

In the figure we can see the reserved words in Java and little by little we will know many of these words and the meaning of each of them, however in this picture we can see all of them concentrated so we have a general knowledge that these words are already they have been reserved by the Java language, and thus they serve us for a future reference.

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