

# Portada

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## Compiladores

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A continuacion se presenta los alcances de este programa para la validacion lexica.

## Java Operadores Basicos

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### Operadores Aritmeticos

Operador	Ejemplo
+ (Suma)	A + B
- (Resta)	A - B
* (Multiplicacion)	A * B
/ (Division)	A / B
% (Modulo)	A % B
++ (incremento)	A++
-- (decremento)	B--

### Operadores Relacionales

Operador	Ejemplo
== (igual a)	A == B
!= (no igual a)	A != B
> (mayor que)	A > B
< (menor que)	A < B

Operador	Ejemplo
>= (mayor o igual que)	A >= B
<= (menor o igual que)	A <= B

## Operadores de Bit

Operador	Ejemplo
& (bit and)	A & B
(bit or)	A   B
^ (bit XOR)	A ^ B
~ (bit compliment)	~A
<< (desplazamiento a la izquierda)	A << 2
>> (desplazamiento a la derecha)	A >> 2
>>> (desplazamiento a la derecha de llenado cero)	A >>>2

## Operadores Logicos

Operador	Ejemplo
&& (logico and)	A && B
(logics or)	A    B
! (logico not)	!(A && B)

## Operadores de Asignacion

Operador	Ejemplo
=	C = A
+=	C += A
-=	C -= A
*=	C *= A
/=	C /= A
%=	C %= A
<<=	C <<= 2
>>=	C >>= 2
&=	C &= 2
^=	C ^= 2

Operador	Ejemplo
=	C  = 2

## Operadores Miscellaneous

Operador	Ejemplo
?	variable x = (expression) ? value if true : value if false
:	variable x = (expression) ? value if true : value if false

## Modificadores de Acceso

Modificador
default
public
private
protected

## Palabras Reservadas

Palabras Reservadas
assert
boolean
break
byte
case
catch
char
class
const
continue
default
do
double
else
enum

**Palabras Reservadas**

---

extends

---

---

false

---

---

final

---

---

finally

---

---

float

---

---

for

---

---

goto

---

---

if

---

---

implements

---

---

import

---

---

instanceof

---

---

interface

---

---

int

---

---

long

---

---

native

---

---

new

---

---

null

---

---

package

---

---

return

---

---

short

---

---

String

---

---

super

---

---

switch

---

---

synchronized

---

---

this

---

---

throw

---

---

throws

---

---

transient

---

---

true

---

---

false

---

## Palabras Reservadas

---

try

---

void

## Numeros

Numeros	Ejemplo
int	number < 2147483647
long	number < 9223372036854775807L
float	1.0
double	25.34
char	c

## Profesora

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- Susana Mejia Hernandez

## Materia

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- Compiladores

## Autores

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## Referencias:

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