

Sesión 02

TIPOS DE DATOS



Fundamentos de Programación

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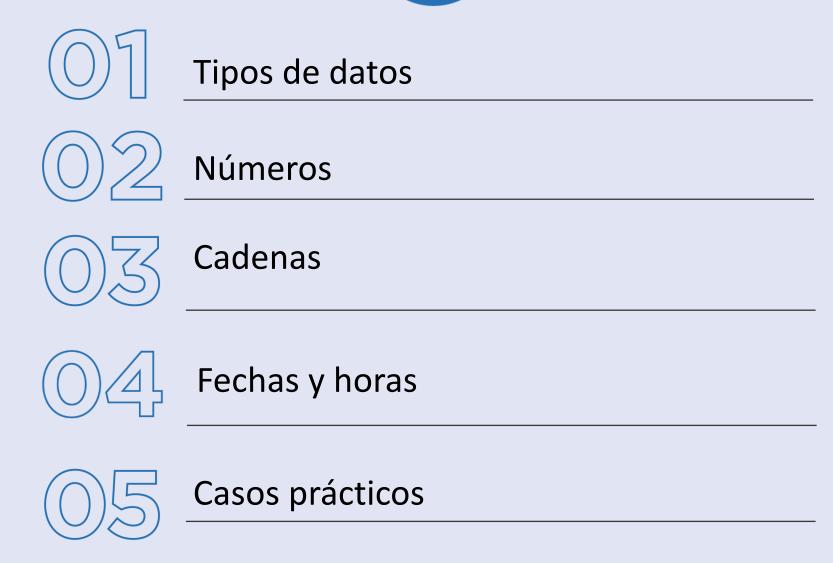


PACK VIRTUAL

Java Web Developer

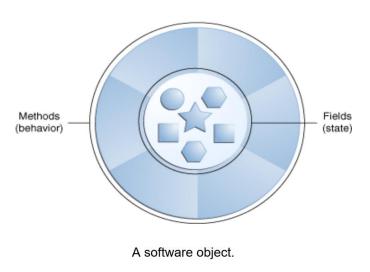
- 1- Fundamentos Java
- 2- Aplicaciones Java Web
- 3- Servicios Web RESTful





ÍNDICE

Las variables(fields) permiten almacenar información de los objetos en memoria y corresponden a un determinado tipo de dato. Java es un lenguaje fuertemente tipado.







Tipos de datos - Introducción



Números



Cadenas



Fechas



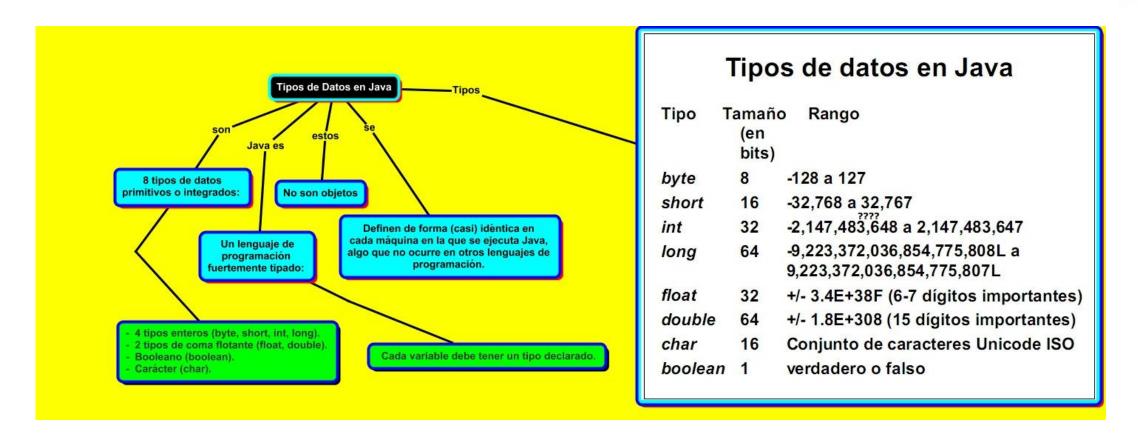
Especiales









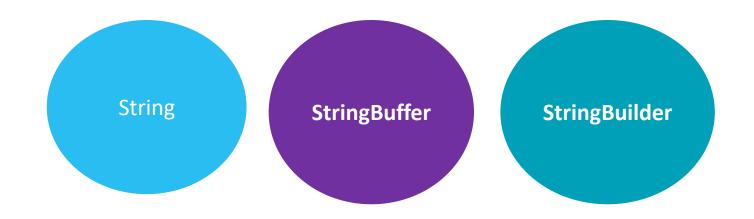


Fuente: https://cursa.ihmc.us/rid=1J9HZLJ15-KX6VMM-VQY/Tipos

■ Tipos de datos en Java

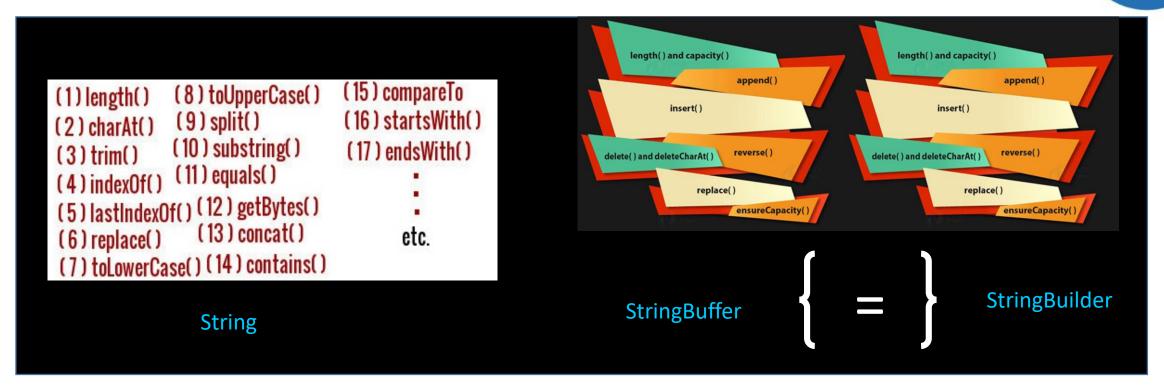
Tipo de variable	Bytes que ocupa	Rango de valores	
boolean	2	true, false	
byte	1	-128 a 127	
short	2	-32.768 a 32.767	
int	4	-2.147.483.648 a 2.147.483.649	
long	8	-9 · 1018 a 9 · 1018	
double	8	-1,79 · 10 ³⁰⁸ a 1,79 · 10 ³⁰⁸	
float	4	-3,4 · 10 ³⁸ a 3,4 · 10 ³⁸	
char	2	Caracteres (en Unicode)	

Números



Factor / Class	String	StringBuffer	StringBuilder
Mutability	Immutable	Mutable	Mutable
Thread Safety	Not thread safe	Thread safe	Not thread safe
Performance	Very high	Moderate	Very high

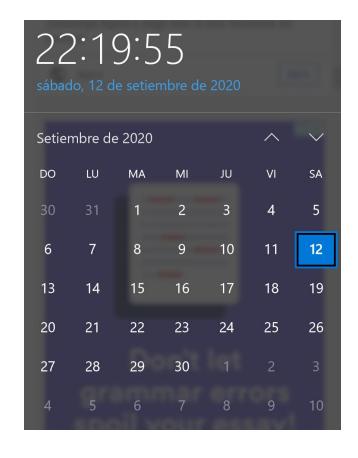
Cadenas



Cadenas - Métodos

Date - Time





Getting Current Date and Time

Parsing Strings into Dates Date
Formatting
Using
SimpleDateFormat

Measuring Elapsed Time

