UNIVERSIDAD DE LAS FUERZAS ARMADAS ESPE

NOMBRE: Solano Torres Sebastián Ismael

NRC: 3642

CARRERA: Software

TYPE DATE PRIMITIVE IN JAVA

The programing It has its variables, its data of different indole, such as primitive type and Java, a programming language, each type of data is predefined as part of the language and all the constants or variables defined for a given program must be described with one of the types of data.

TYPE	DESCRIPTION	DEFAULT	TYPE	EXAMPLE
Boolean	True o false	False	1 bit	True, false
Byte	integer two's complement	0	8 bit	100, -50
Char	unicode carácter	\u0000	16 bit	'a', \u0041', '\\'
Short	integer two's complement	0	16 bit	10000, -20000
Int	integer two's complement	0	32 bit	100000,-2,-1,0,1,2,-200000
Long	integer two's complement	0	64 bit	-2L,-1L,0L,1L,2L
Float	floating point IEEE 754	0.0	32 bit	1.23e100f,-1.23e-100f
Double	floating point IEEE 754	0.0	64 bit	1.2345e3000d,1e1d

TYPE DATE PRIMITIVE IN PYTHON

TYPE	DESCRIPTION
Integer	it encompasses all integers, but since that set is infinite, in Python it is really limited by the capacity of available memory. There is no representation limit imposed by language.
Float	useful to represent all real numbers. Therefore, for lengths, weights, frequencies, in which 3.3 is practically the same as 3.3000000000000003, the float type is the most appropriate.
Boolean	this type of data only counts in two instances true or false.
string	a data type to create character strings.

References

- http://lineadecodigo.com/java/valores-maximo-y-minimo-de-los-tipos-primitivos-java/
- https://javadesdecero.es/basico/tipos-datos-java-ejemplos/#2_Datos_Primitivos
- https://j2logo.com/python/tutorial/tipos-de-datos-basicos-de-python/#tipos-datos-basicos