Universidad de las Fuerzas Armadas (ESPE)
Software engineering

Course: Object-oriented programming
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NRC: 3682
Topic: Primitive

- Java primitive data extension

TIPE OF DATA	SIZE	RANGE
Byte	1 byte	-128 -- 127
short	2 byte	-32768 -- 32767
Int	4 byte	-2147483648 -- 2147483647
long	8 byte	-9223372036854775808 -- 9223372036854775807
Float	4 byte	±3.4X10^-38 ---- ±3.4X10^38
double	8 byte	±1.8X10^-308 ---- ±1.8X10^308
Char	2 byte	One character
boolean	1 byte	True or false

- Python primitive data extension

TIPE OF DATA	SIZE	RANGE
byte	1 bytes	0 — 255
int	2 bytes	-32768 -- 32767
long	2 bytes	-2147483648 -- 2147483647
float	4 bytes	±3.4X10^-38 ---- ±3.4X10^38
char	1 bytes	-128 -- 127
boolean	1 bytes	True or false
word	2bytes	0 – 65535
Unsigned long	4 bytes	0 — 4294967295
string		Array of characters

| array | | Variables colection |