Data Types

Data Type	Size	Range	Value Range
boolean	1 byte (8bits)	2	True and False
char	2 bytes (16bits)	'/u0000' to '/uFFFF'	
byte	1 byte (8bits)	Signed: -2 ⁷ to 2 ⁷ -1 Unsigned: 0 to 2 ⁸ -1	Signed: -128 to 127 Unsigned: 0 to 255
short	2 bytes (16bits)	Signed: -2 ¹⁵ to 2 ¹⁵ -1 Unsigned: 0 to 2 ¹⁶ -1	Signed: -32768 to 32767 Unsigned: 0 to 65536
int	4 bytes (32bits)	Signed: -2 ³¹ to 2 ³¹ -1 Unsigned: 0 to 2 ³² -1	Signed: -2147483648 to 2147483647 Unsigned: 0 to 4294967295
long	8 bytes (64bits)	Signed: -2 ⁶³ to 2 ⁶³ -1 Unsigned: 0 to 2 ⁶⁴ -1	Signed: -9223372036854775808 to 9223372036854775807 Unsigned: 0 to 18446744073709551616
float	4 bytes (32bits)		approximately ±3.40282347E+38F
double	8 bytes (64bits)		approximately ±1.79769313486231570E+308
String	(Length of String +1) * 2 bytes		

Data Type	Wrapper Class
boolean	Boolean
char	Character
byte	Byte
short	Short
int	Integer
long	Long
float	Float
double	Double

Data Type	*Default Value*	
boolean	false	
char	'/u0000'	
byte	0	
short	0	
int	0	
long	0	
float	0.0F	
double	0.0	
String	null	
Any Objects	null	

This Value is only applicable for instance variables