Category	Types	Size (bits)	Minimum Value	Maximum Value	Precision	Example
	byte	8	-128	127	From +127 to -128	`byte b = 65;`
	char	16	0	$2^{16}-1$	All Unicode characters	`char c = 'A';` `char c = 65;`
Integer	**short**	16	-2^{15}	$2^{15}-1$	From +32,767 to -32,768	`short s = 65;`
	int	32	-2^{31}	$2^{31}-1$	From +2,147,483,647 to -2,147,483,648	`int i = 65;`
	long	64	-2^{63}	$2^{63}-1$	From +9,223,372,036,854,775,807 to -9,223,372,036,854,775,808	`long l = 65L;`
Floating-point	**float**	32	2^{-149}	$(2-2^{-23}) \cdot 2^{127}$	From 3.402,823,5 E+38 to 1.4 E-45	`float f = 65f;`
	double	64	2^{-1074}	$(2-2^{-52}) \cdot 2^{1023}$	From 1.797,693,134,862,315,7 E+308 to 4.9 E-324	`double d = 65.55;`
Other	**boolean**	--	--	--	false, true	`boolean b = true;`