Primitive Data Types

Type	Size (bits)	Min	Max
INTEGERS			
byte	8	-128	127
short	16	-32,768	32,767
int	32	-2^{31}	$2^{31} - 1$
long	64	-2^{63}	$2^{63} - 1$
FLOATING-POINT			
		non-zero	
float	32	2^{-126}	$(2 - 2^{-23}) * 2^{127}$
double	64	2^{-1074}	$(2 - 2^{-52}) * 2^{1023}$
OTHER			
boolean	?	true or false	
char	16	'\u0000'	'\uffff'