Atomic types

Java

Data Type	Bytes	Range
byte	1	-128 to 127
short	2	-32,768 to 32,767
int	4	-2,147,483,648 to 2,147,483,647
long	8	-9,223,372,036,854,775,808 to 9,223,372,036,854,775,807
float	4	Approximately ±3.40282347E+38F
double	8	Approximately ±1.79769313486231570E+308
char	16	Unicode
boolean	N/A	true or false

C Sharp

Data Type	Bytes	Range
byte	1	0 to 255
sbyte	1	-128 to 127
short	2	-32,768 to 32,767
ushort	2	0 to 65,535
int	4	-2,147,483,648 to 2,147,483,647
uint	4	0 to 4,294,967,295
nint	N/A	Signed 32-or 64-bit integer
nuint	N/A	Unsigned 32-bit or 64-bit integer
long	8	-9,223,372,036,854,775,808 to 9,223,372,036,854,775,807
ulong	8	0 to 18,446,744,073,709,551,615
float	4	Approximately ±3.40282347E+38F
double	8	Approximately ±1.79769313486231570E+308
decimal	16	Approximately ±7.9 x 10^28
char	16	Unicode
bool	N/A	true or false