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What is your quest? CS2150

What is your favorite color? Green

Size of C++ data types

C++ Type	Size in bytes?	Max value? (base 10)	Zero is stored as (in hex)?	One (or 1.0) is stored as (in hex)?
int	4	2147483647	0x00000000	0x00000001
unsigned int	4	4294967295	0x00000000	0x00000001
float	4	3.4082×10^{38}	0x00000000	0x3f800000
double	8	1.79769×10^{308}	0x0000000000000000	0x3ff0000000000000
char	1	255	Char '0' = 0x00000130	Char '1' = 0x00000131
bool	1	1	false = 0xffffffff00	true = 0x00000001
C++ Type	Size in bytes?	Max value? (base 10)	NULL is stored as?	
int*	8	1.8446744×10^{19}	0x0000000000000000	
char*	8	1.8446744×10^{19}	0x0000000000000000	
double*	8	1.8446744×10^{19}	0x0000000000000000	

Primitive Arrays in C++

How does the compiler determine the address of `&(IntArray2D[i][j])`?

`&(IntArray2D[i][j]) = &(IntArray2D[0][0]) + 20*i + 4*j`_____