

What is your name? Nathan Nayda

What is your quest? To finish this lab.

What is your favorite color? Blue.

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	3.40282e+38	0x00000000	0x3f800000
double	8	1.79769e+308	0x00000000	0x00000000
char	1	127	Char '0' = 0x00000030	Char '1' = 0x00000031
bool	1	1	False = 0 0x00000000	True = 1 0x00000007
C++ Type	Size in bytes?	Max value? (base 10)	NULL is stored as?	
int*	4	2147483647	0x00000000	
char*	4	127	0x00000000	
double*	4	1.79769e+308	0x00000000	

Primitive Arrays in C++

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

`(IntArray2D)+(sizeof(int))(i)*(sizeof(int))(j)`
