What is your name? Derek Wu
What is your quest? To become extremely proficient in data structures
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	3.402823 * 10^38	0x00000000	0x3f800000
double	8	1.8 * 10^308	0x00000000	0x00000000
char	1	127	Char'0'= 0x30	Char'1'= 0x31
bool	1	127	False= 0x00	true= 0x01
C++ Type	Size in bytes?	Max value? (base 16 (hexadecimal))	NULL is stored as?	
int*	8	0xffffffffffffffff	0x00000000	
char*	8	0xffffffffffffffff	0x00000000	
double*	8	0xffffffffffffffff	0x00000000	

Primitive Arrays in C++

How does the compiler determine the address of **&(IntArray2D[i][j])**? Assume the array is defined as: **int IntArray2D[6][5];**

&(IntArray2D[i][j]) = IntArray2D + sizeof(int)*(#of columns*i + j)
&(IntArray2D[i][j] = IntArray2D + sizeof(int)*(5*i + j)

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