CS 2150 In-lab 4 worksheet

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What is your name? Eza Rasheed What is your quest? To pass 2150

What is your favorite color? Black/Navy-blue

## Size of C++ data types

C++ Type	Size	Max value? (base 10)	Zero is stored as (in hex)?	One (or 1.0) is stored as (in hex)?
int	bytes?	2147483647	0x00000000	0x00000001
unsigned int	4	4294967295	0x00000000	0x00000001
float	4	3.40282e+38	0x00000000	0x3f800000
double	8	1.79769e+308	0x00000000000000000	0x3ff00000000000000
char	1	127	Char '0'= 0x30	Char '1'= 0x31
bool	1	1	false = 0x00	true = 0x01
C++ Type	Size in bytes?	Max value? (base 16 (hexadecimal))	NULL is stored as?	
int*	8	0xfffffffffffffff	0x00000000000000000	
char*	8	Oxfffffffffffff	0x00000000000000000	
double*	8	0xffffffffffffff	0x00000000000000000	

## 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];