Maddie Stigler – mgs4ff
9/23/14
inlab4.pdf

What is your name? Maddie Stigler
What is your quest? To seek the Holy Grail!
What is your favorite color? Blue, but green is actually my favorite color

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	2, 147, 483, 647	0x00000000	0x00000001
unsigned int	4	4, 294, 967, 295	0x00000000	0x00000001
float	4	3.40282 x 10^38	0x00000000	0x3f800000
double	8	1.79769 x 10^308	0x0000000000000000	0x0000000000000000
char	1	255	Char '0'= 0x30	Char '1'= 0x31
bool	1	1	false = 0x00	true = 0x01
C++ Type	Size in bytes?	Max value? (base 10)	NULL is stored as?	
int*	4	1.84467441 x 10^19	0x00000000	
char*	4	1.84467441 x 10^19	0x00000000	
double*	4	1.84467441 x 10^19	0x00000000	

Primitive Arrays in C++

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

IntArray + sizeof(int)*(5i+j)
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