

Adarsh Solanki  
 As5nr  
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 inlab4.pdf

What is your name? ADARSH SOLANKI  
 What is your quest? TO SEEK THE HOLY GRAIL?  
 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	2,147,483,647	0x00000000	0x00000001
unsigned int	4	4,294,967,295	0x00000000	0x00000001
float	4	$3.40282 \times 10^{38}$	0x00000000	0x3f800000
double	8	$1.79769 \times 10^{308}$	0x0000000000000000	0x3ff0000000000000
char	1	255	Char '0' = 0x00	Char '1' = 0x31
bool	1	1	False = 0x00	true = 0x01
C++ Type	Size in bytes?	Max value? (base 10)	NULL is stored as?	
int*	8	$1.84467441 \times 10^{19}$	0x0000000000000000	
char*	8	$1.84467441 \times 10^{19}$	0x0000000000000000	
double*	8	$1.84467441 \times 10^{19}$	0x0000000000000000	

### Primitive Arrays in C++

$\&(\text{IntArray2D}[i][j]) = \text{IntArray} + \text{sizeof}(\text{int}) * (5i + j)$