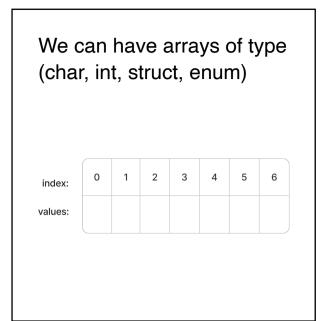
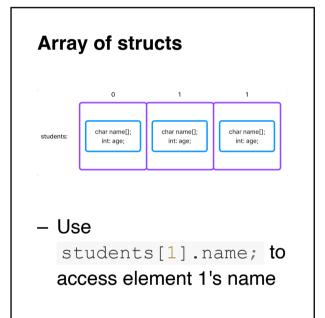
	-
2D Arrays	
Strings recap - An array of chars - We have a single identifier for the string - Anything we can do with arrays, applies	
char[]	
0 1 2 3 4 5 0 7 8 9 10 11 12 13	
index: Values: J A K E R E N Z E L L A 10	
No. of the last of	
Notice the \0 at the end! This means that C will know when it reaches the end of the array	
Note the # of elements, and don't	
forget the \0	

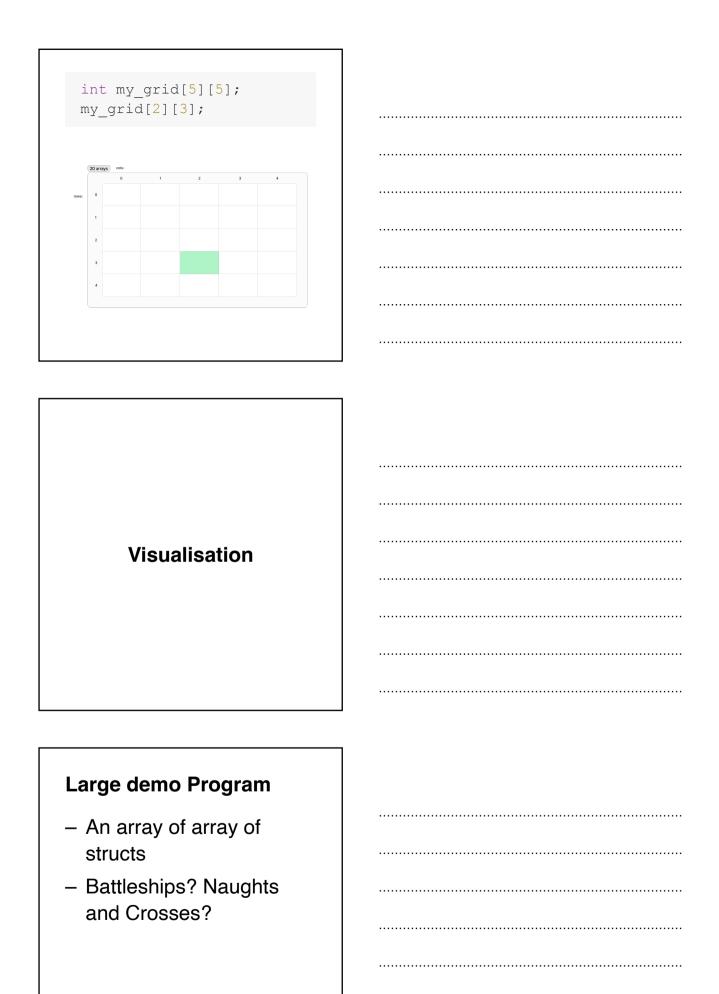
String literals "Jake!" - uses double quotes " to wrap the string literal - single quote for characters! - Used to assign strings to char[] easily: char name[] = "Jake Renzella"; **Useful string functions** - fgets () -> reads a string - fputs () -> prints a string - strlen() -> gives us the length of the string (excluding the \0). - strcpy() -> copy the contents of one string to another - strcat() -> join one string to the end of another (concatenate) - strcmp() -> compare two strings - strchr() -> find the first occurrence of a character note: some of these may require #include <string.h> Reassigning a string int main(void) { char name[MAX LEN] = "Jake"; strcpy(name, "Mr Otterington"); ^ Remember we can't reassign like: name = "Mr Otterington"; 2D arrays





Array of arrays 2D arrays

<type> <identifier> [<rows>][<cols>];





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