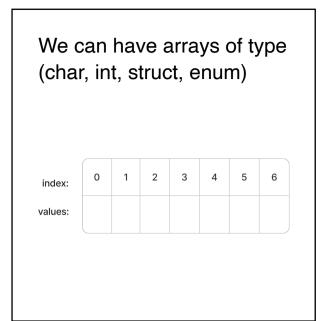
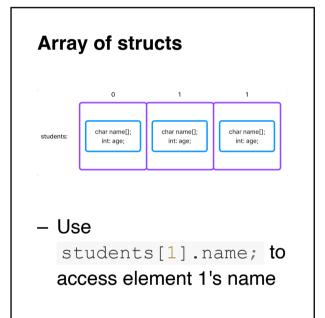
	7
2D Arrays	
	1
Strings recap	
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A a super set also as	
<ul><li>An array of chars</li></ul>	
We have a single	
<ul><li>We have a single</li></ul>	
identifier for the string	
<ul> <li>Anything we can do with</li> </ul>	
arrays, applies	
ш. ы <b>у</b> с, ыррс с	
	1
char[]	
index:	
Values: J A K E R E N Z E L L A 10	
Nation tha \ \ \ at the and This	
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	

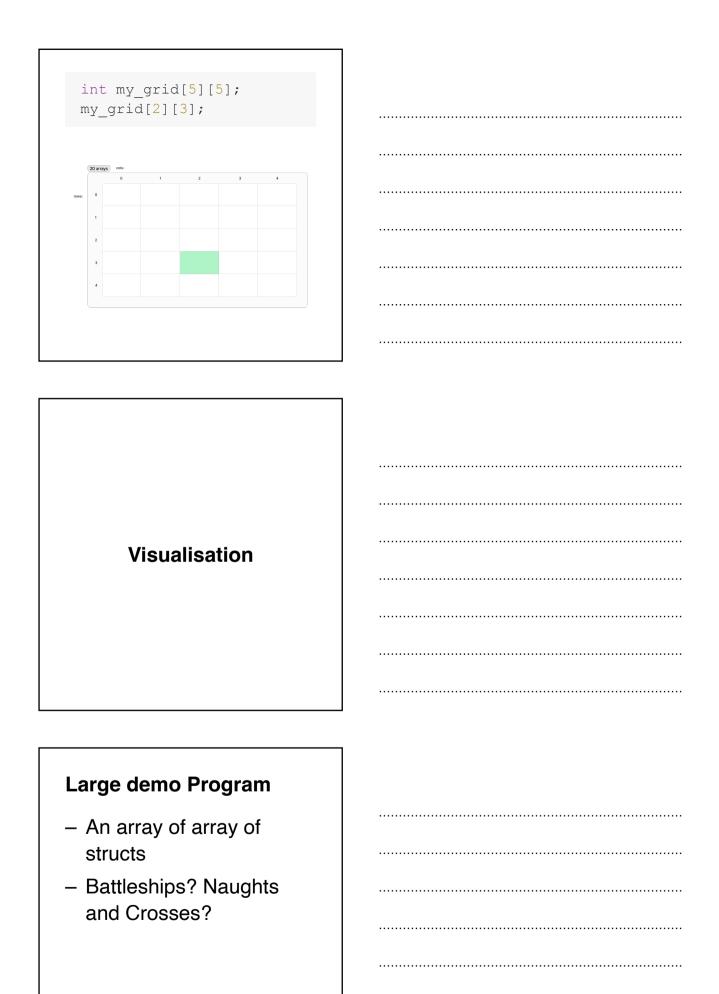
## String literals "Jake!" - uses double quotes " to wrap the string literal ...... - single quote for characters! - Used to assign strings to char[] easily: char name[] = "Jake Renzella"; ...... **Useful string functions** - fgets () -> reads a string ...... - fputs () -> prints a string - strlen() -> 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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