

<p>struct</p> <p>Exam 2</p>	<p>array</p> <p>Exam 2</p>	<p>-></p> <p>Exam 2</p>
<p>padding</p> <p>Exam 2</p>	<p>static (variable)</p> <p>Exam 2</p>	<p>static (function)</p> <p>Exam 2</p>
<p>passed by reference</p> <p>Exam 2</p>	<p>passed by value</p> <p>Exam 2</p>	<p>Makefile</p> <p>Exam 2</p>
<p>l-value of a variable</p> <p>Exam 2</p>	<p>r-value</p> <p>Exam 2</p>	<p>NULL pointer location</p> <p>Exam 2</p>
<p>malloc</p> <p>Exam 2</p>	<p>calloc</p> <p>Exam 2</p>	<p>free</p> <p>Exam 2</p>
<p>function pointer that can point to strcat</p> <p>Exam 2</p>	<p>interpreted language</p> <p>Exam 2</p>	<p>compiled language</p> <p>Exam 2</p>

	3	2	1
Operator to access a member of a struct from a pointer to that struct	A homogenous collection, accessed by index	A heterogenous collection, accessed by member name	
	6	5	4
Modifier which makes the function "private" to that file	Modifier which has the variable be maintained for the lifecycle of the program	Used to increase the size of a struct to allow members to align with the multiple of their data type size	
	9	8	7
Specifies how to create a project including dependencies and other commands	How all other data types other than arrays are passed into functions	How arrays are passed into functions	
	12	11	10
Location 0 in memory	The data held by a variable	The address of the variable	
	15	14	13
Function to deallocate space in the heap	Function to grap initialized data (all 0's) from the heap	Function to grap uninitialized data from the heap	
	18	17	16
Language in which program translation takes place all at once before execution	Language in which program translation takes place line by line when running	char *(*cat)(char *, char*);	

<div>strongly typed language</div> <div>Exam 2</div>	<div>weakly typed language</div> <div>Exam 2</div>	<div>statically typed language</div> <div>Exam 2</div>
<div>dynamically typed language</div> <div>Exam 2</div>		

A language where type checking
takes place at compilation

A language that allows flexibility
with its type rules

A language that does not allow
operations between different data
types

A language where type checking
takes place when the program is
running