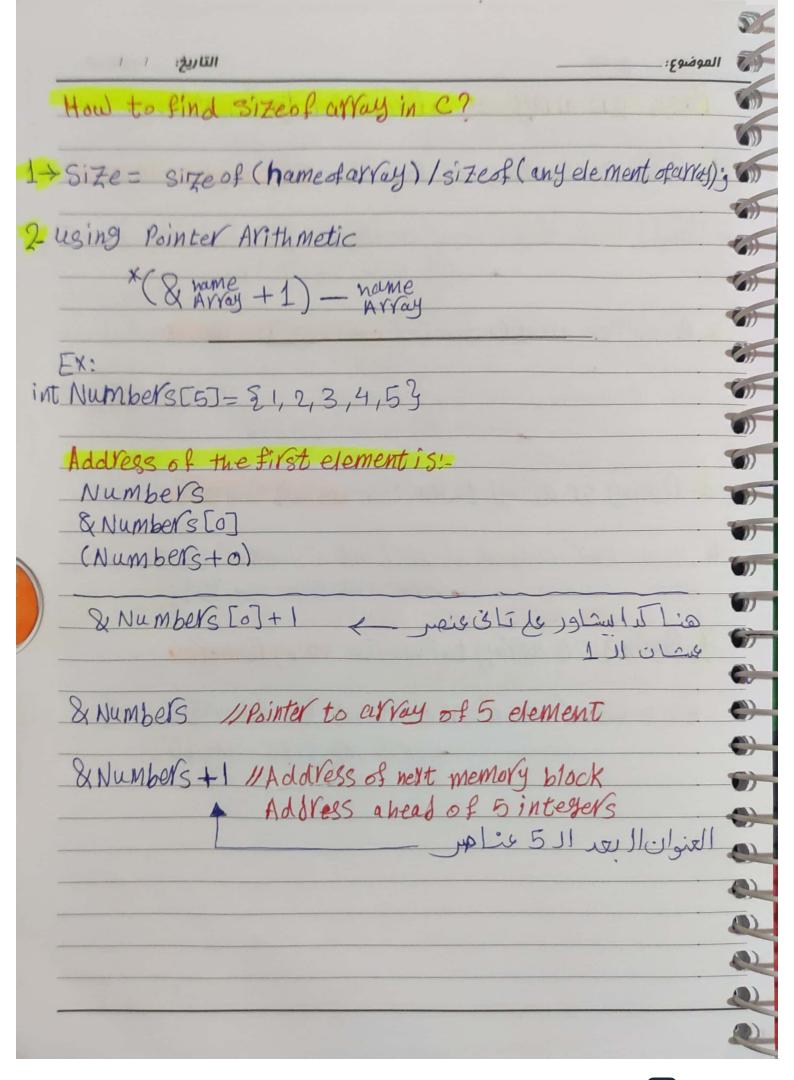


memery function: co of array I array of chart copy del iled olas de * Prototype:-Void * my memcly (void * dost, const void * src unsigned int charcount); Parameter. Printer to destination object. SIC: Pointer to source object charcount: number of bytes to copy. This lecture is implement Function of "string.h" Library 9







3	الموضوع:
3	int Arr []={ 0x11, 0x22, 0x333;
3	*(01/C1) 1/C //0 + C // 0 1/C
3	*(&Arr+1) - Arr // Return size of Arr.
9	// number of elements.
9	Function Pointers concepts:
-	
3	-A Pointer to function in c is one of most important Pointer tools
3	
3	What is a function Pointer of Pointer to function?
	- Function Pointer is similar to the other Pointers but the only sifference is that it stores the above of a function instead of a variable.
3	-In the Program when ever required we can invoke the Pointed function using the function Pointer.
	using the function Pointer we can Provide the run time binding in a programing which resolves the many Problems.
3	- Pointer to Function
3)	هو قبارة من بوليتر يخزن فيه فنوان المناللين،
3)	هملن السعمل البولينتر في إسترعاع الفائلين بدل معمل إسترعاء للفائلين .
3)	
3)	
3)	



Binding concePt:

- *Associate the call function with the definition of that function.
- * There are 2 kinds of Binding: Static Binding.

 Dynamic Binding.
- 1-Static Binding/Compile time Binding/Early Binding
 - All information necessary in order to Perform that associatation is available at compile time.
- Association harpening at compile time.
 - Happens by default -> Normal function Call.
 - Makes our Program run faster.
- 2- Dynamic Binding/Run time Binding/Late Binding.
 - Association harpening during run time.
- -All information necessary in order to Perform that
 is not available at compile time, It is available runtine
 - Makes our Program alittle bit slower.
 - Very flexible De cide which function definition to invoke at run time.

11 الموضوع Application of function Printers *used to resolve the runtime sinding. call-back function: we can implement the call-back function using function Pointer in the c programming. -3 - A call back function is any executable cose that is Paged as an argument to other code 3 3 That is expected to call back (execute) The argument at agriven time. · this execution may be immediate as in synchronous call back, or it might houp Pen at a later time as in a asynchronous earl back = if an API Call is synchronous, it means that age execution Will block (or wait) for API call to return before contining. This Means that until a response is returned by the API, Your application will not execute any function, which could be PRICEIVED by the user as latency or Persormace lag in your APP - Asynchronous calls do not block (or wait) for the API Call to return from the server. Execution continues on in your program, and when the call

Veturns from the server, a (all pack) function is executed

13



