A pointer which stores the address of a furtion So they are invoked dynamically

=> Declaration

return_type (* pointer_name)(parameter_types)

ex. int (*fptr) (int, int)

- * The function pointer should be declared in the same way that it matches the signature of the function
- > Initialization

0

9

9

9

pointer-name = & function-name

OK: pointer_name = function_name

Notes > * Cannot perform anthmetic operations like ++,

* Can point to different functions with matching signatures

Accessing elements of a 2nd dimensional Array using Pointers

ex. int arr[2][2]

arr -> pointer that points to the first now of arr

ar+1 -> " , second " " ,

*(arr + 1) => Now, It is the second row as array

colomns Il vilie Uli la com

 $\therefore *(*(arr+1)+1) \Rightarrow$

ar[1][1] =a.i

SENA