

3/10/23

Date... 14

Array of pointers v/s pointer to an Array

→ It is an array where each element is a pointer to a memory location

Pointer to an array is an pointer to first element of an array

Ex In last question of pointer class - 1

We were not able to do → 2ch

char ch[10] = "Hello";

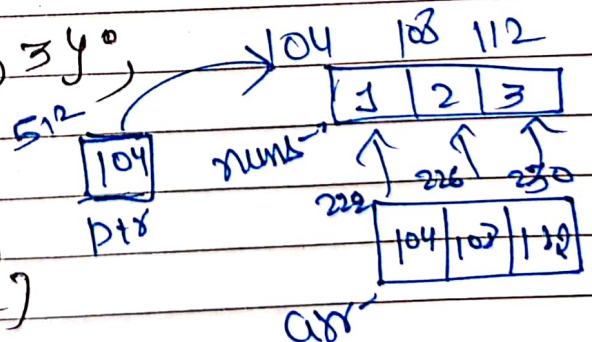
assigning all the address

char *ptr = &ch → ~~X~~

char *ptr[10] = &ch → ✓

Assign it like that or

Ex
int arr[3];
int nums = {1, 2, 3};
int *ptr = nums
arr[0] = &nums[0]
arr[1] = &nums[1]
arr[2] = &nums[2]



→ *arr[0] → 1
*arr[1] → 2
*arr[2] → 3

*ptr → 1
*(ptr+1) → 2
*(ptr+2) → 3