PAS

alx

Pointers

Addresses in C

- If you have a variable var in your program, &var will give you its address in the memory.

Reference {Assigning addresses to Pointers}

- we can get the memory address of a variable with the **reference operator &**

Deference {Get Value of Thing Pointed by Pointer}

- In the previous example, we used the pointer variable to get the memory address of a variable (used together with the **& reference operator**).
- You can also get the value of the variable the pointer points to, by using the *** dereference operator**

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Note that the ***** sign can be confusing here, as it does two different things in our code:

- When used in declaration (`int* ptr`), it **creates** a pointer variable.
- When not used in declaration, it act as a **dereference** operator.

Changing Value Pointed by Pointers

- *We're coding together...be keen.*

Common mistakes when working with pointers

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Strings

Resources

1. programiz

See you at the next session!