CPP-06

- * Static variables and method
 - @ Static member variable afa class
 - -> Exist exactly once per class, not per object.
 - > The value is equal ocnoss all instance
 - -> Must be defined in * cpp files.
 - @ Static member function of a class
- -> Can call without an object.

Class, Nome! ! Metrod Name (< params>)

Size of (<trape>) -> onetime size of the type. (In bytes)

* RAM

- -> It is the working momany.
- -> at now linear addressing.
- Porosonted in heradecimal form.
- -> Amy address can be accessed at random.
- -> Pointer is a type to store memory address.

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* Pointer

- => <Type>* defines a pointer to type <TYPE>
- => Uninitialized pointer points to a standon
- ⇒ Always initialize pointers to an address on a null plan

int + a = nullptn; YouTope + c = nullptr;

* Non-owning pointers

- not enemoved when pointer goe, and of scope.
 - -> Pointers can either own memors or not
 - -> Owning momony mean being surpossible for its cleanup.
 - -> Raw pointers should never own

* Address operator for pointer.

> Operation & oreturns the address of the

-> Example

int a = 45: Int * a - pt = ka;

* Pointer to Pointer Exaple inta=4s; hotes a-pto- ka; Int ** a-pto-pto = dea-pto; * Pointen denglenenching > Operation * oretimes the value of the Variable to which the pointer points.