







Type Systems – Pointer Constructor

Constructors

- Pointer
 - In C++ type * name, result is a pointer to a type (ptr to type)
 - Examples:
 - int *x; (x is a ptr to an int)
 - float **y; (y is a ptr to a ptr to a float)
 - Operators related to pointer:
 - *x dereference x (go to what x points at), in terms of types, * applied to *ptr to y*, results in y
 - x-> equivalent to (*x). compose * and . operations
 - x[...] pointers can be used as standins for arrays (array ref is just an address, pointer operation)













































