CMPS 109 - 1/18/17

re alloc - extracts basicall X

new - instantiates/creates

type def - shadowing /no need to use stoct

placement new -advanced feature

what is a function?

points to chunk of code

- return type
- define local variables
- some performs some sort of operation.

ABI (Application Binary Interface)

- defines specific standards
- specifications between programs
- describes details that aren't specified in the standard. The standart describes the general behaviour but it doesn't say really how to be used. →

function call by pointer

- like passing parameter by reference,
  but only difference is you can use
  NULL. _____

- static functions

  · no static variable

  · locally linked, cannot be invoked outside
    of its source/package.

- inline functions - hint to compiler, to inline.
  not guaranteed. used in very small code.

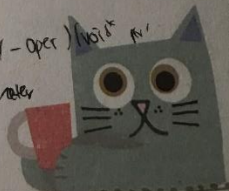CMPS 109 - 1/20/17 <u>lecture 4</u>

Exam 13, Monday

Vanadic functions
    <cstdiy> lib, provides macros to access, unknown
names

<u>Pointer to a function</u>

example: typedef double long (* binary - oper)(void* n)
//represent any function w this parameter
            und type.

VFS - virtual file system

Operator Overloading

For example to beable to print
straight from the object.

- cannot change number of parameters

Namespaces