Assignments: 50%. exams = 30% Quires = 20% Programs/Assignments: 2 day extras if needed - Tell SAbrina Au (TA) 2 days in advance memory's important - pointers - manipulate bits - Use Linux -git, vim, make, emacs
-VS code's akay but only in edit mode, net A as a dev IDE UNIX: - MUST use UNIX -Designed for programmers - Must not use Windows I De - Virtual Box or VM ware, run Linux on that Projects . Write design doc first

- Programs assigned Sunday
- Dosign does due thurs.
- Soir preliminary, Soir, final design
-> Programs due Sunday night

En

Jn. pdf
- how you'll approach writing the fragram
- Should be able to be translated into

- he
- Do not include C code
- picentures, diagrams, pseedacode

man & print f Design. pdf Manual: man & print f

git commit - am "msg" #include (8+dint.h),

8 to 15 int 8\_t, vint 8\_t } tells processor to assign

16 bits | int 16\_t, vint 16\_t } fitting datatype Txtbook Notes: tunetions: return-type function name (arguments) } statements; of return type omitted, int is default Compiling: cc main. c getline. c. 143 scolons compiles both c files Scope: entotas fult do not · Default scope is local to function defined win oif vars defined outside function they re available to functions below it · Extern : s used for var to be available above it

· Extern also used for diff files access Static = local to that file, that var name is not Shared btw files · makes vars "hodden" If declared in function, hidden outside of function Register vars stored in registers for faster access, less room though the register int x; constant

conly on automatic var & 3 params.

(strangers) sman restant aget mutor Vars can also be local to lif is for statements of Strings: actually array of chars

Char pattern = "would";

le inclusion

#include (filename) Strings: actually array of chars File inclusion # include (filename) Itag a MAM as - replaced w/ contents of filename Pointer: a variable that contains the address of a variable of the address is so per & comains the address is so per & comains the address is a subject, so per & comains an abject, so per & comains and an abject, so per & comains and an abject, so per & comains and an abject and & comains the address is a subject and a subject





