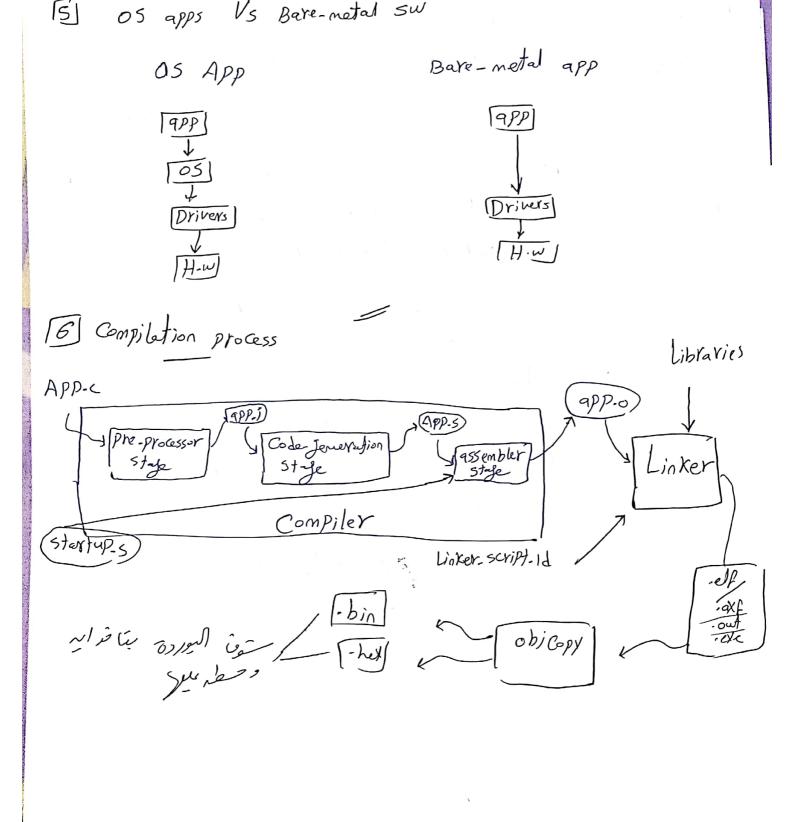
Embedded c III typedel command. - نیستزم را typedef اسر اسر اور اورات نوال العادیم اس فی ال ی سرد تا نبه نستند سرف میان سعلمان می انتوان Ex: Volable unsigned int -> Vuint3z-t 12) Header protection. Header protection gon) al pinnie Je # define Cotors & Toth Rile #ifadel T\_H\_ ort, Joego W Holding T\_H\_ اثفذ ال حيما كم له متوفر قبل للا من عمرس ىلى الى صوا [3] Optimization compiler II IN process \_== 1. سهوم می اللود بنایات سی (جدان صر) I reduce # of instr\_

Value of 15 Variable 11 0% compiler sicrel our Jariable [4] Volatile Keyword: بتاعية ممكنه تنفير ش اى دنت بهدا" عبد اللود (مدهر ال ۱۰۰۰ منو") م فیلنس دیوه سور د متوبی س ۱۵ انته اوم used with - Blobal Variable - Jobal Variable -memory mapped accessed by multiple modified by Interrupt Pheripheral registers tesks within a multiple treaded application. - Volatile inthoo or intuolatile for SX Var ised Volatile i to copie of Pointer copy pointer \* Volatile Pointers. Const als voletile als voles cos NISIUS رور (X) (X) (x) - units-t \* volatile Prag; - Volatile units-t \* PReg; - unito-t voldick preg; - Volatile Pointer to non Volatile deta. Pointer to Volatile data

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25 to like Hower Sangetin



Entry point yearly, default one interpretation of the point yearly of the saldress reset when it is to be about the saldress of the saldress o

3) to write a Bare-nated sw You need. Startups . C Code Liles Linker script . makefile Cross toot chain

9) Simple startup-s

· grobal reset

reset;

ldr sp, = stack-top

bl main

stop; b stop

10) simple linker script.

Entry ENTRY (reset)

MEMORY { mem (rux): ORIGIN = 0X0 , LENGTH = GYM -data \$: SECTIONS 1 \* (. data) · = 0×10000 }>men - Startup .: . bss startup.o (-text) 3 > Mem \* (-bss) ·text! 3> mem \* (-text) \* (-rodata) -= · + 0×1000 } > men