Memory Highest OxFFFF. Kernel mode rax holds syscall num large to in rdi, rsi, rdx, r10, r8, rd i return value put in rax Stack (gravs down) · rbx, r/2-15 preserved Memory mapping File rupping rax=rax(rds, rsi, rdx, r10, r8, r9) Anon rupang Text deg (start of program) NASM syntax label: intruction operands; comment Immediate value strage INSTR arg eax, 0,000F INSTR dst, src, gux BYTE WORD DWORP byes

EX CMP BYTE [AX+16x], O Operands: R- register Ox hex I - inrediate Do act Ob bin M-menory (effective addr.) [label] data at label
[label + 1] data at label + const offset
[label + register] label offset by annt in reg mor al, [esítecx*8+100] =7 al=array[ecx*8+100] Labels refer to address of their line - starting with wears local addr. SECTION bs, duty text GLOBAL - experts symbol EXTERN - Impacts funcl: ... func 2: ... RESIB, RESW, RESD, RESQ .loop ... jmp End. 100p. xiegu 10 define x 15 0 intend of adoress