## CS 208

F, 17 Oct 2025

(function! from today's class notes) int function (char \*p) } p in %rdi
int retval... retul in Zeax return retval

test q Tordi, Tordi

1 c size (64 bits)

L bitwise AND of two args (here Tordi

je . L6 if (p!=0) or may be (f(p)==0)

Pretend function1("cow") (Pisa pointer testa P. 7 je. L6 NO. So keep going most \$0, %eax interval = 0 .L2 cmpb \$0, (%rdi)

(%rdi) — pointer dereferencing
"the thing whose address
is in %rdi" Cmpb \$0, (% rdi)
subtract "byte pointed to byardi"
- 0 jne 14 > ret jamp. Otherwise, value

ine . L4 jump up.

char S[10] = "goat" s[intex=2i] s[intex] = u'Indi, S