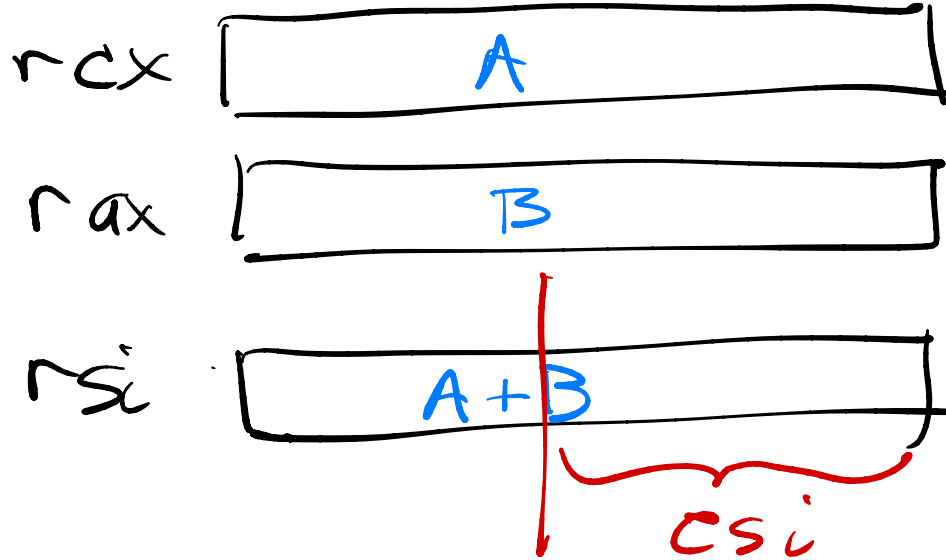


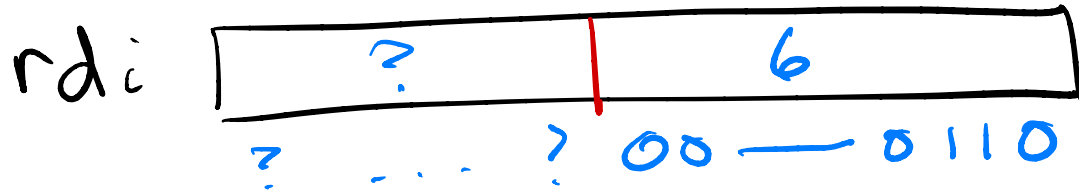
CS 208

W, 22 Oct 2025

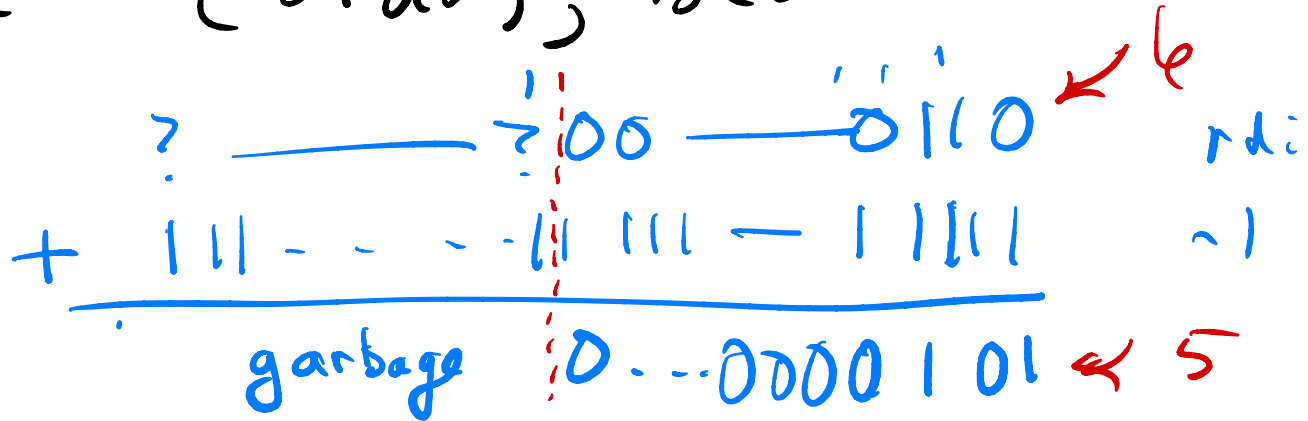
leal (%rcx, %rax), %esi



Suppose %edi has 6 in it

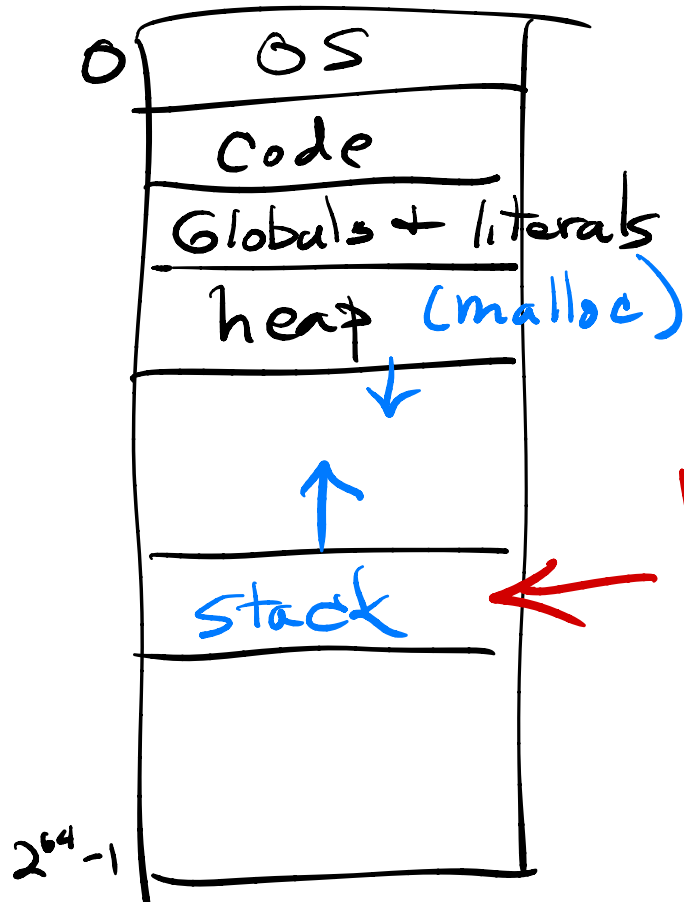


leal -1(%rdi), %edi



$x = x - 1$

Next: the stack



how we implement
function-calling,
parameters, local vars,
& return values.