CS 631-02 RISC-V Functions Labo3 array indexing

x = a (i)

addr = base + (i x size of (int))

Functions

sll; 62, 60,2 # to << 2

a + (i x4)

caller callee foo: par: PC_T add PC-T+4 ; PA PC-T+8 PC -> call bar PC+4 --> 506 icall boo . ret ret PC=RA PC program counter RA return address Call (jal) RA = PC+4, PC = target add r ret (jalr) PC = RA july to sa

The Stack stach For functions blesoln; xt lesT Caller callee Saucd Saved re45 1095 5 5 U 2595 t 1055 SP La Les

51add: sp, s1, -16 bosunu Sd 10, (sp)