CS315-02 Lab Functions

RISC-V Calling Conventions

1) Allocate chack space addi spop, -x x must be a multiple of 16

@ Some ra on Stock if needed

Breserve any collected rays

flucture use 50-61

(3) Computation

Call a function

G Reserve any coller-soved cogs *
on the stack it needed
a0-97 to-th

(5) Put values into araci, ao jai, ...

(b) call forc

D use l'Store 90

(8) restore caller-smed regs &

(9) Computation

(10) restore any caller saved ress

(11) restore on if needed

(12) decllocate the Stack addi 28,58,58,22

(13) ret

Array offset

ArrCi) = a0 + (ix4)

arr