CS 315-02 Lab

C

Functions
Data / Data Types
↳ global
local (stack)
heap
Statements
expressions
directives

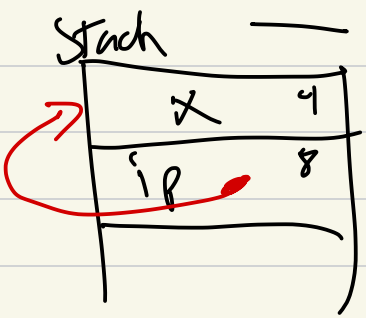
Risc-V 64 bit 8 bits in a byte

64 bits / 8 bits = 8 bytes

2^{64}

foo() {
int x; ← 4 bytes
int *ip; ← 8 bytes

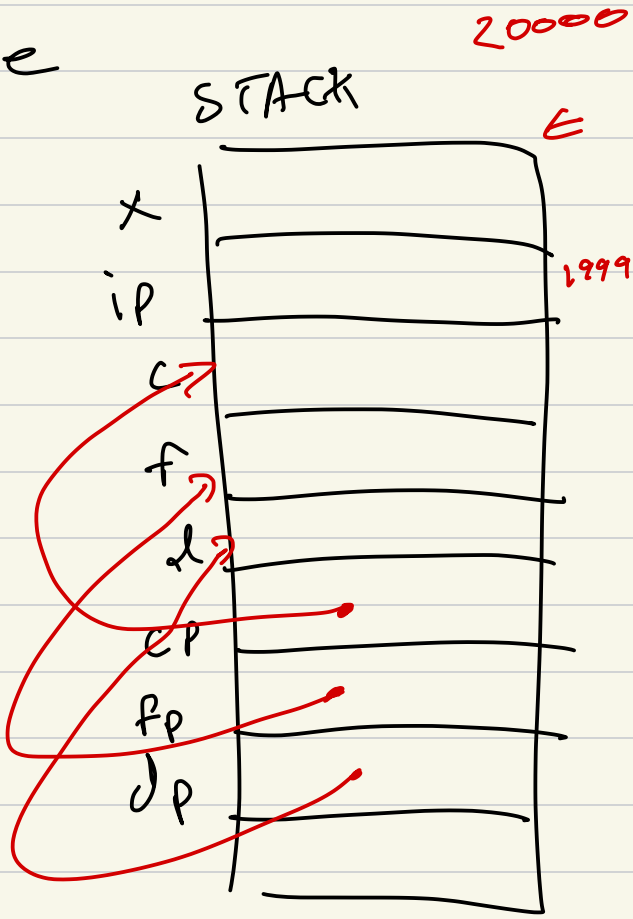
ip = &x;
*ip



& address of

* dereference

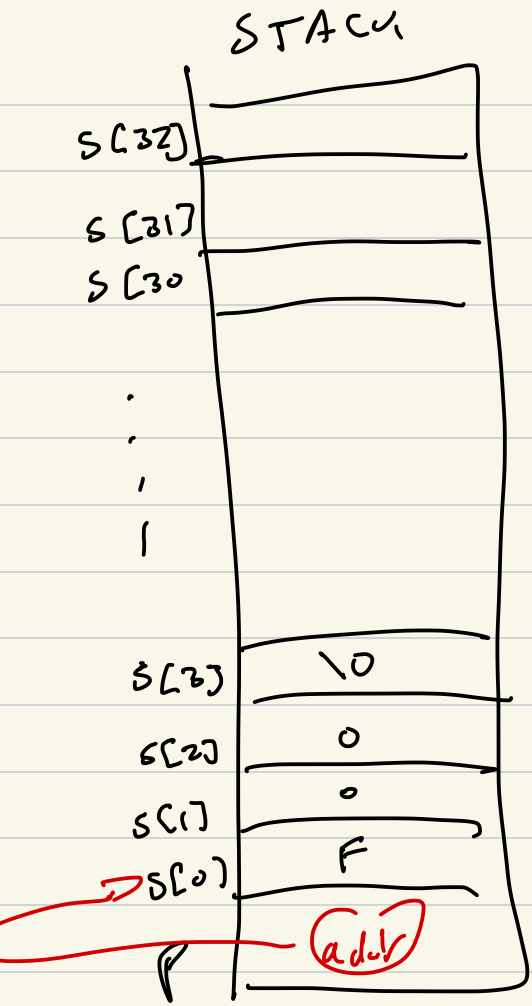
main() {



main() {

char s[37];

char *p;



s == &s[0]

Memory