

# CS 315-01 Lab

C

Functions

Data / Data types

global  
local (Stack)  
heap

Statements

expressions

directives

```
foo() {
```

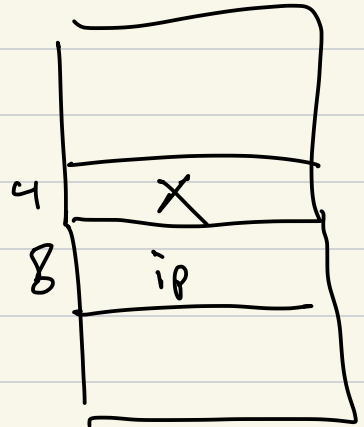
```
    int x;
```

```
    int *ip;
```

```
}
```

64 bits

$$\frac{64 \text{ bits}}{8 \text{ bits}} = 8 \text{ bytes}$$



int (4) <sup>bytes</sup>

int \* (8)

dereference

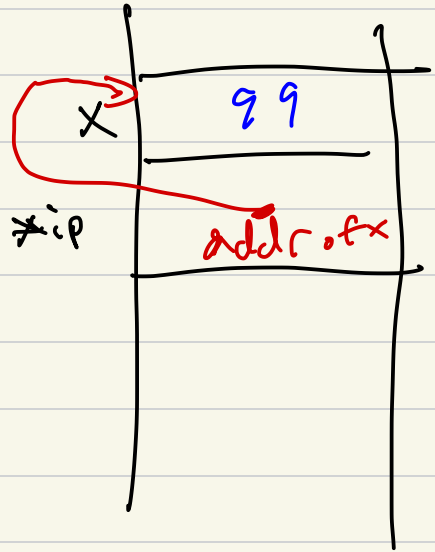
\*ip

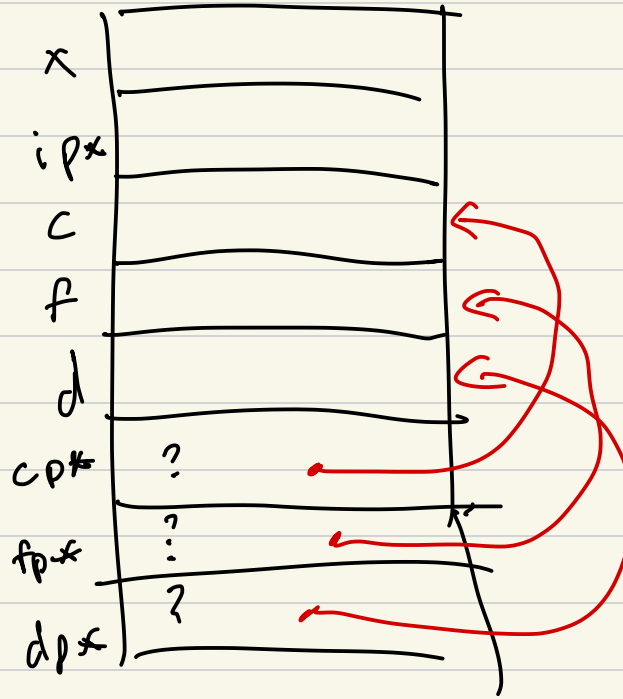
int x;

int \*ip;

ip = &x;

x = 99





Main ( )

char s[33];

char \*p;

