

CS 315-02 Lab RISC-V Assembly 7

Project 03

gdb

gdb prog

b <line> (break)

r args (run)

s (step)

n (next)

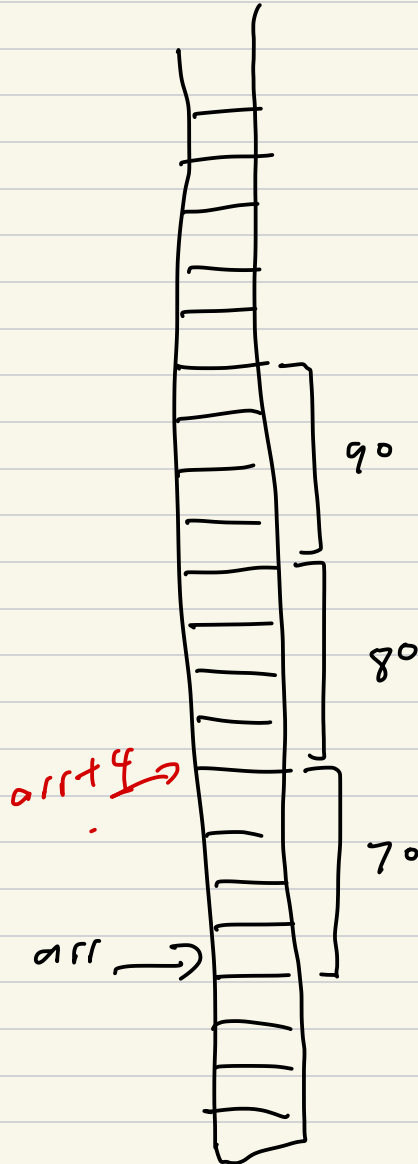
p

x/

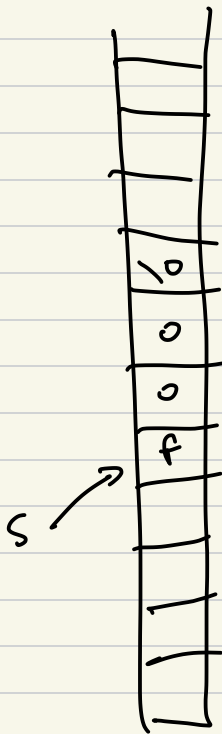
c Continer

Structs

```
int arr[3] = {70, 80, 90};
```



```
char *s = "foo";
```



```
struct node-st {
```

```
    int x;
```

```
    int y;
```

```
};
```

```
main() {
```

```
    struct node-st node;
```

```
    get_x_c(struct node-st *np) {
```

```
        return np->x;
```

```
    }
```

```
    # q0 - struct node-st *np; *
```

```
    get_x_s:
```

```
        lw a0, (q0)
```

```
        ret
```

```
    get_y_s
```

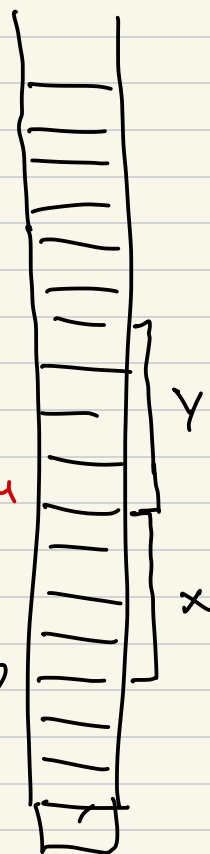
```
        lw a0, 4(a0)
```

```
        ret
```

(a0)node →

addi a0, a0, 4

lw a0, (a0)



```

struct node {
    char c;
    int x;
}

```

