

CS 208

Wed, 4 Oct 2023

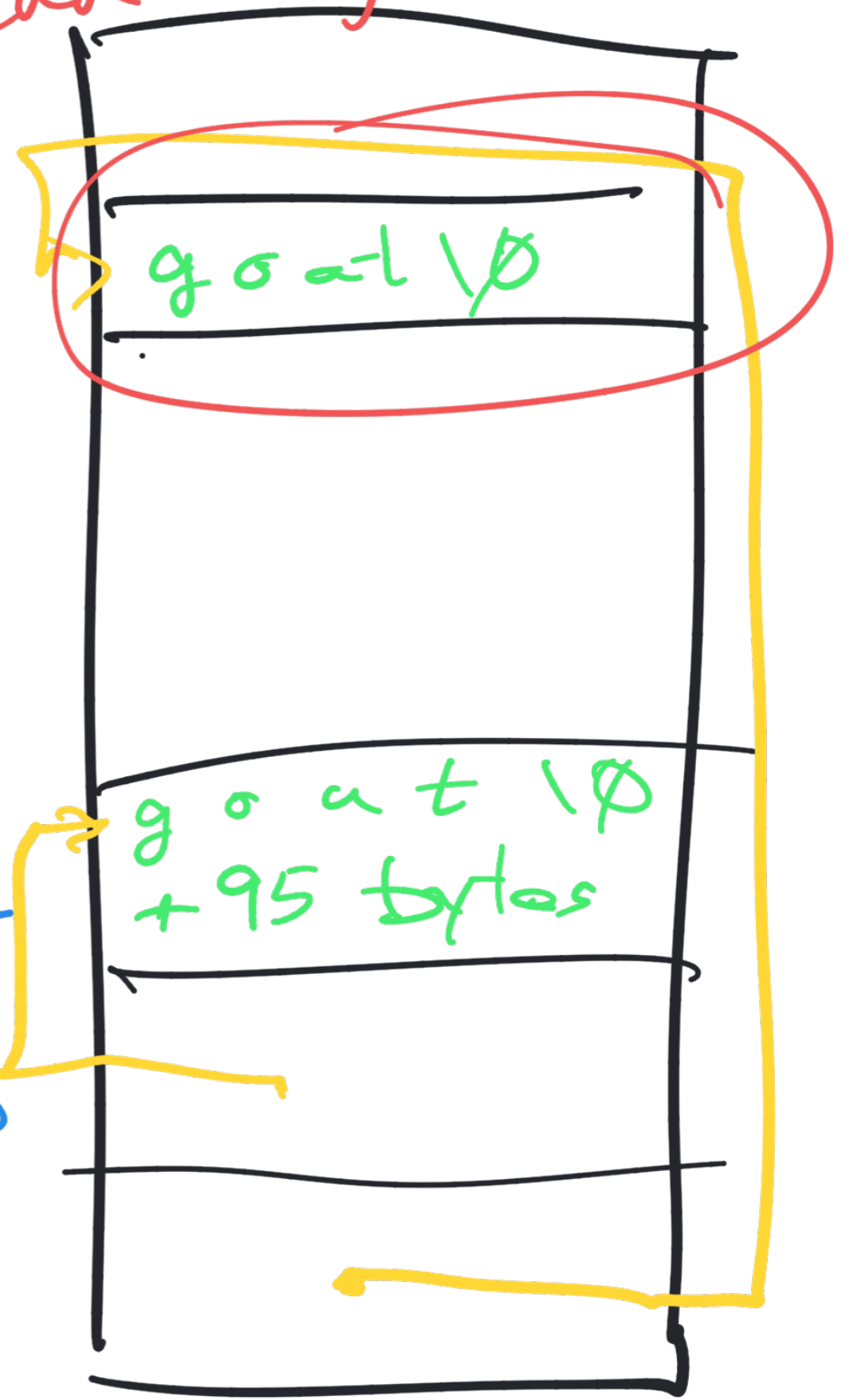
```
char buffer[100];  
strcpy(buffer, "goat");  
char *p = buffer;  
char *q = "goat";
```

~~q[0] = 'g';~~

read-only

buffer

p
q



char * g = "goat";

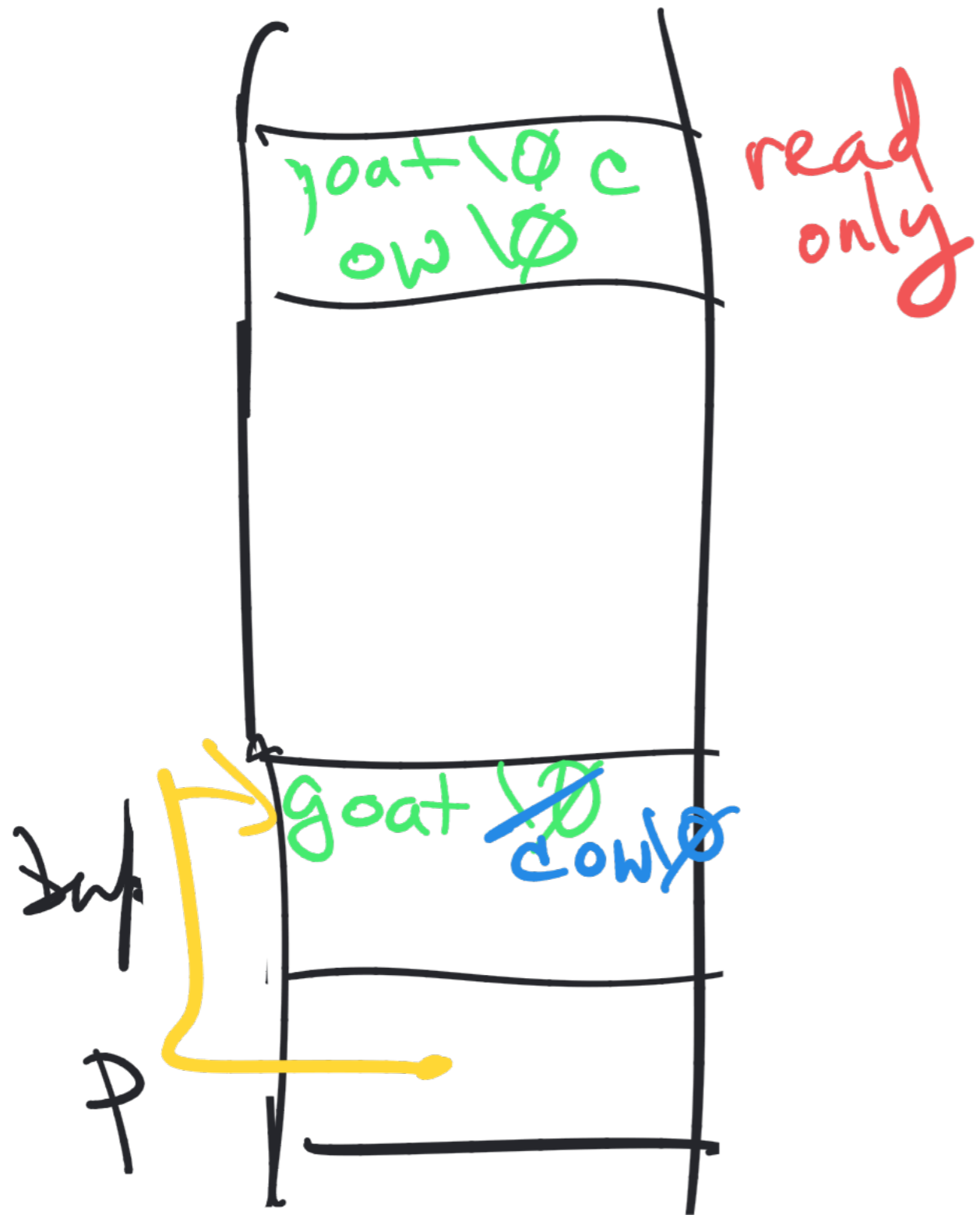


g[3] means

$g + 3 * \text{sizeof}(\text{char})$

addr

$* (g + 3 * \text{sizeof}(\text{char}))$



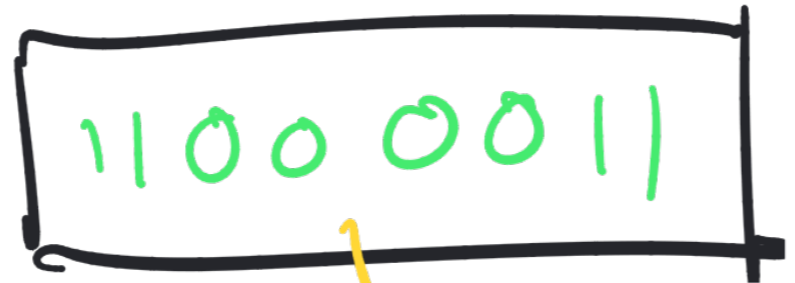
```

char buffer[100];
strcpy(buffer, "goat");
...
strcpy(buffer, "cow");

```

```
→ char ch = 0xC3;
```

"signed
ch
types"



```
→ int k = (int)ch;
```

typecasting

