

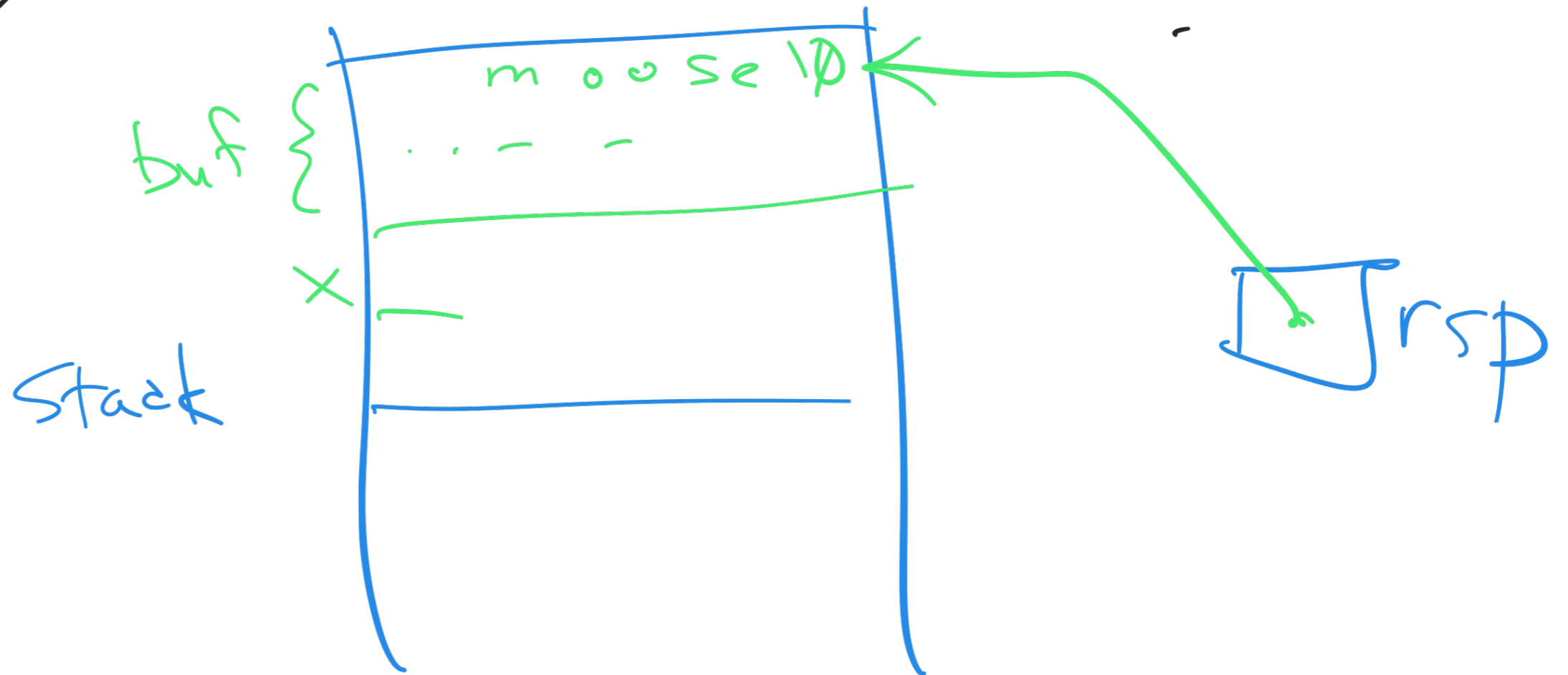
CS 208

Fri, 19 May 2023

```

int f(int x, int y) {
char buf[20] = "moose";
:
}
Sub $0x20, %rsp
MOV %rdi, 0x14(%rsp)
MOV %rsi, 0x18(%rsp)
:

```



```

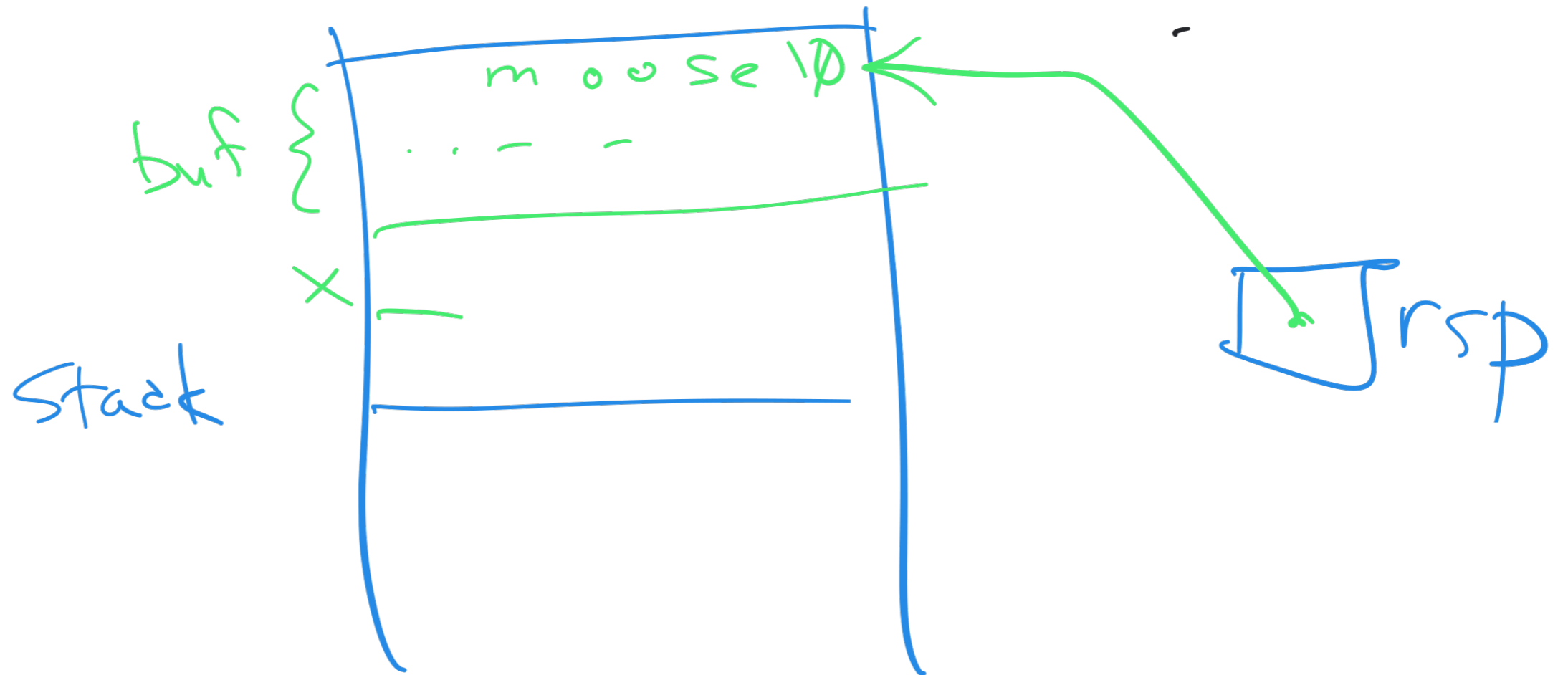
int f(int x, int y) {
char ch = '\0';
char buf[20] = "moose";
for (int k=0; ch != '\n'; ch)

```

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sub $0x20, %rsp
mov %rdi, 0x14(%rsp)
mov %rsi, 0x18(%rsp)
:
:
:

```



```

int f(int x, int y) {
    char ch = '\0';
    char buf[20];
    int k=0;
    ch = getchar();
    while (ch != '\n') {
        buf[k] = ch;
        ch = getchar();
        k++;
    }
    buf[k] = '\0';
}

```

