

CS 208

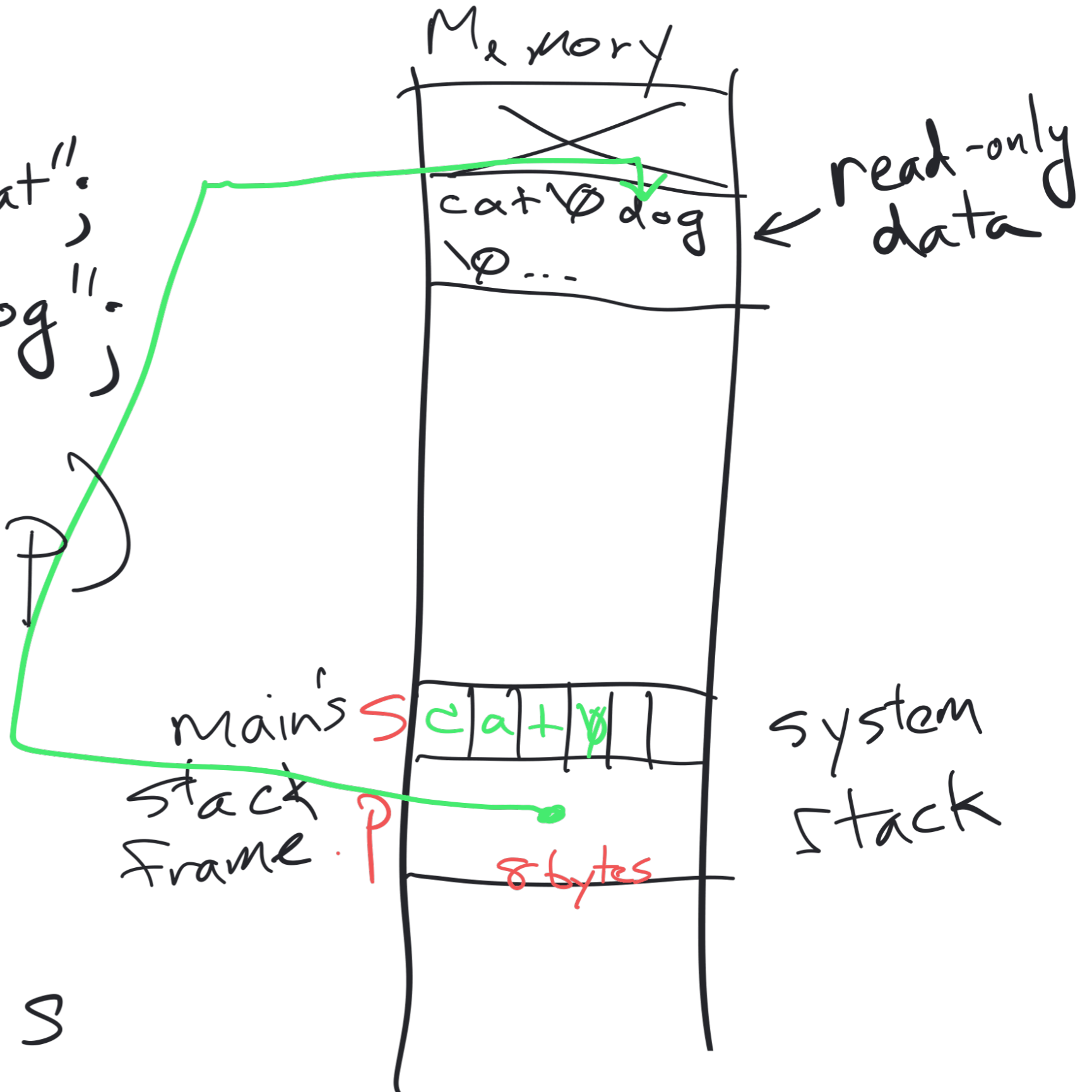
Fri 27 Jan 2023

main

```
char s[6] = "cat";  
char *p = "dog";
```

```
strcpy(s, p)
```

```
char * const s
```



main

int k = -5;

int j =

absolute\_value(k);

absolute\_value

edi

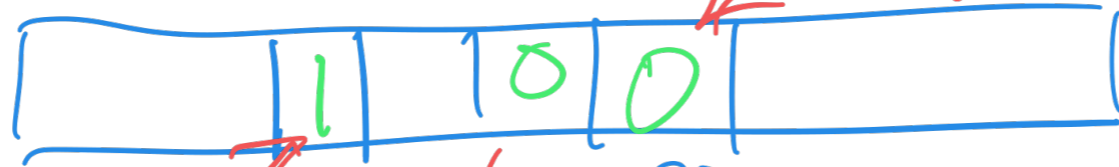


eax



(edi AND edi)  
-5

eflags



SF

ZF

PF

Result odd

Because

edi AND edi < 0

Result

≠ 0

js .L3

means

jump to label L3

if the SF

bit EFLAGS

is 1

edi | ~5 |

eax | ~~~5~~ 5 |

eflags | | 1 | |  
          SF

rdi

