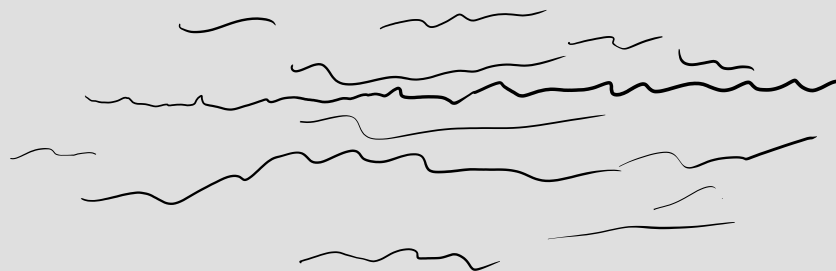
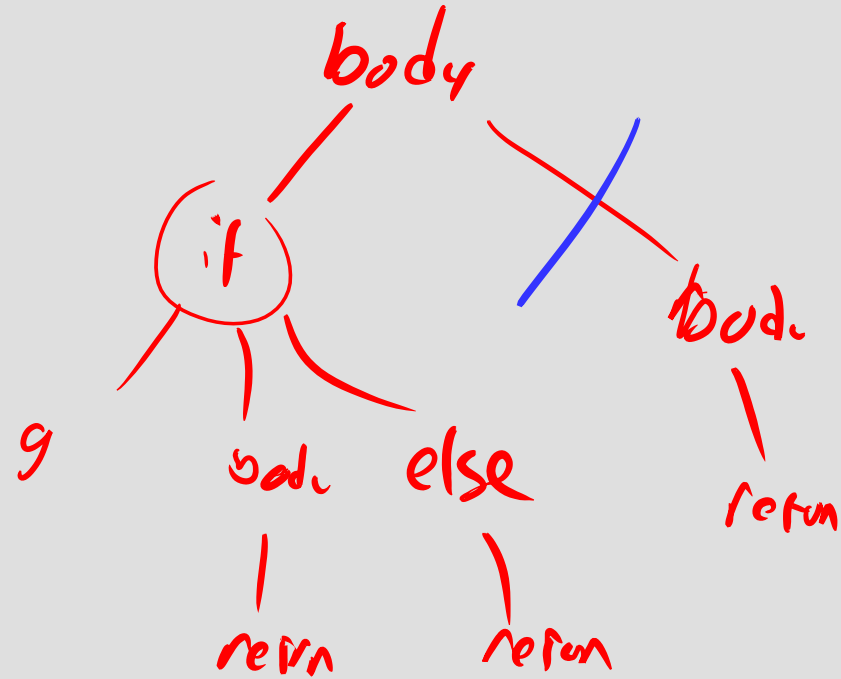
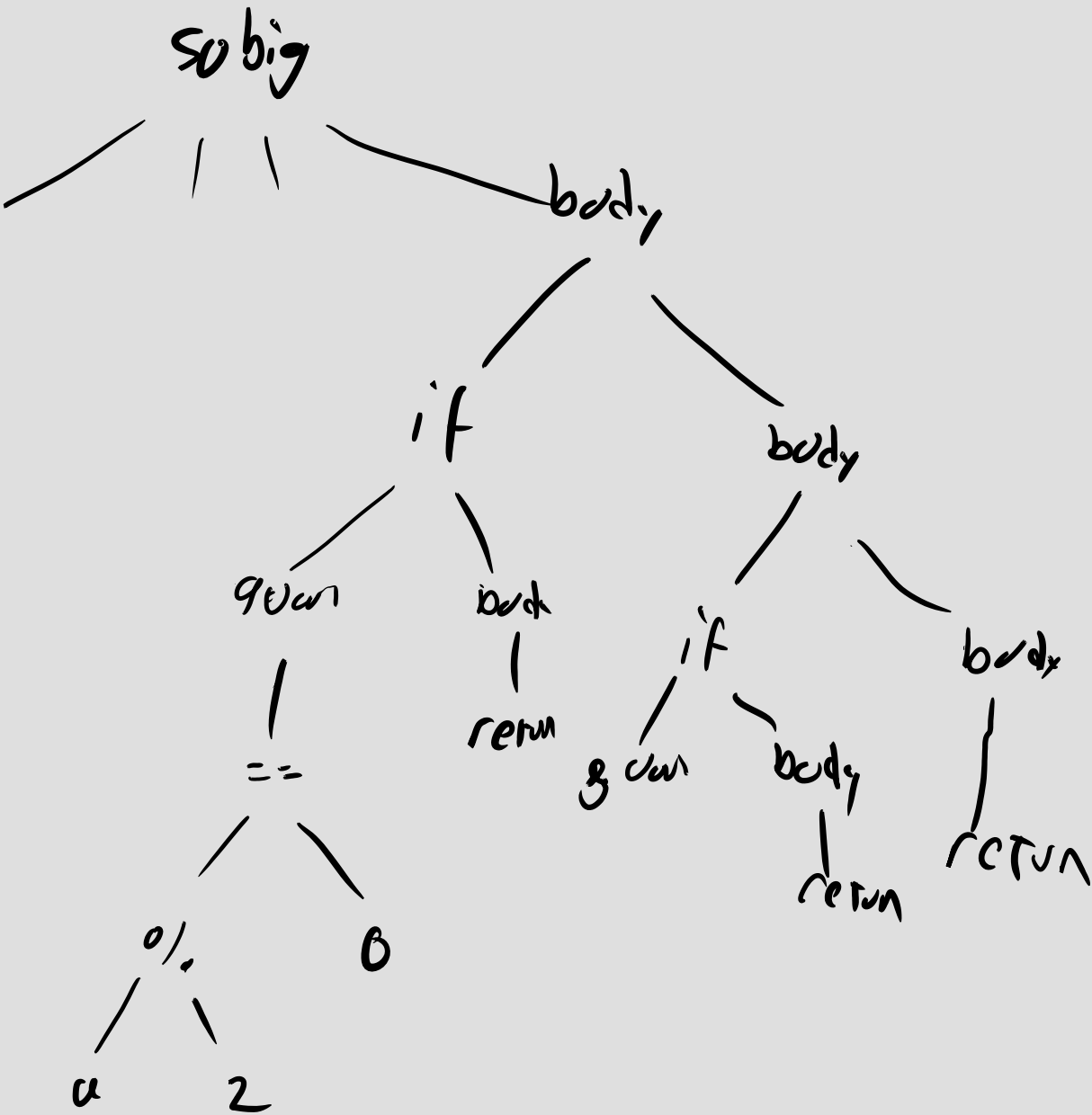


C c



Static analysis



Types

int
8
16
32
64

Sign /
Unsigned

float

$a < b$ — cmp — , —
jl jb

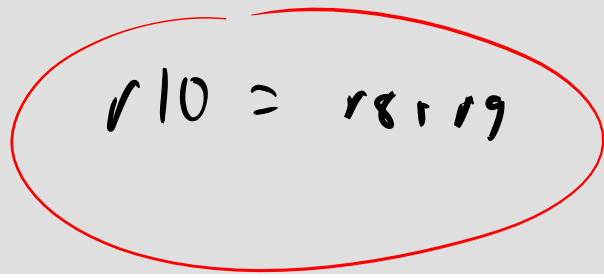


leaq ($\%r8, \%r9$), $\%r10$

00000000 < 11111111

jmp $\%rdi$

movq ($\%rdi$), $\%rax$



chr

byte char
short
int types
long
long long

Types

double
float

boolean
= int



if (not zero)

pointers

ptr x = 0x12345

int *

— y = value @ x

int **⁴⁵⁶ x;

³²¹ int *** w = &x

¹²³ int * y = *x;



movq (x), y

y 0x456

0x123

⁴¹² int z = *y

mov (y), z

x 0x321

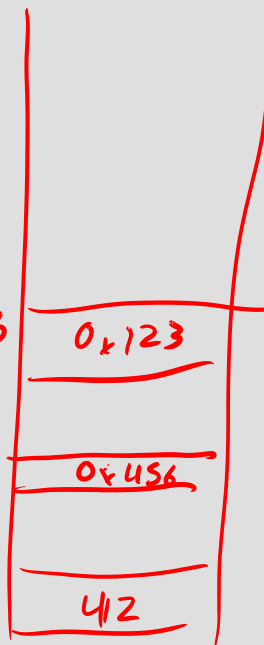
0x456

y = (&z);

leaq z, y

z 0x123

412



int x = 0x12345678

int *y = &x

int *w = y + 1

int z = *w

0x20 x →

00
↓



FF