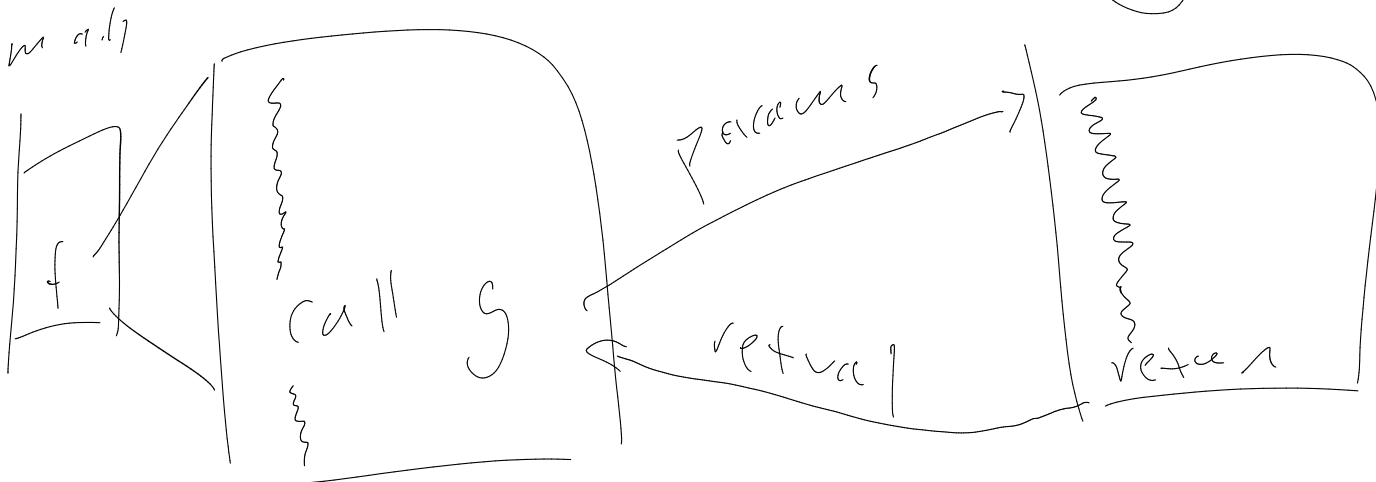


caller

f

callee

g



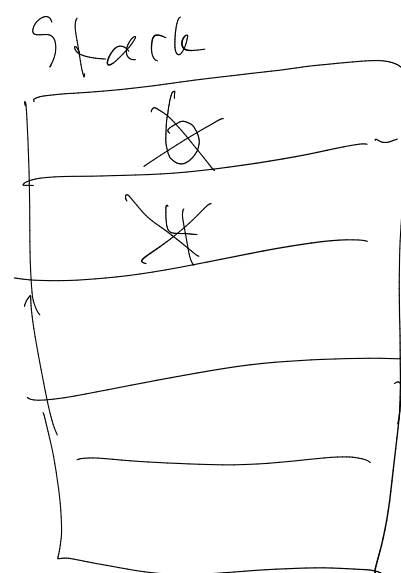
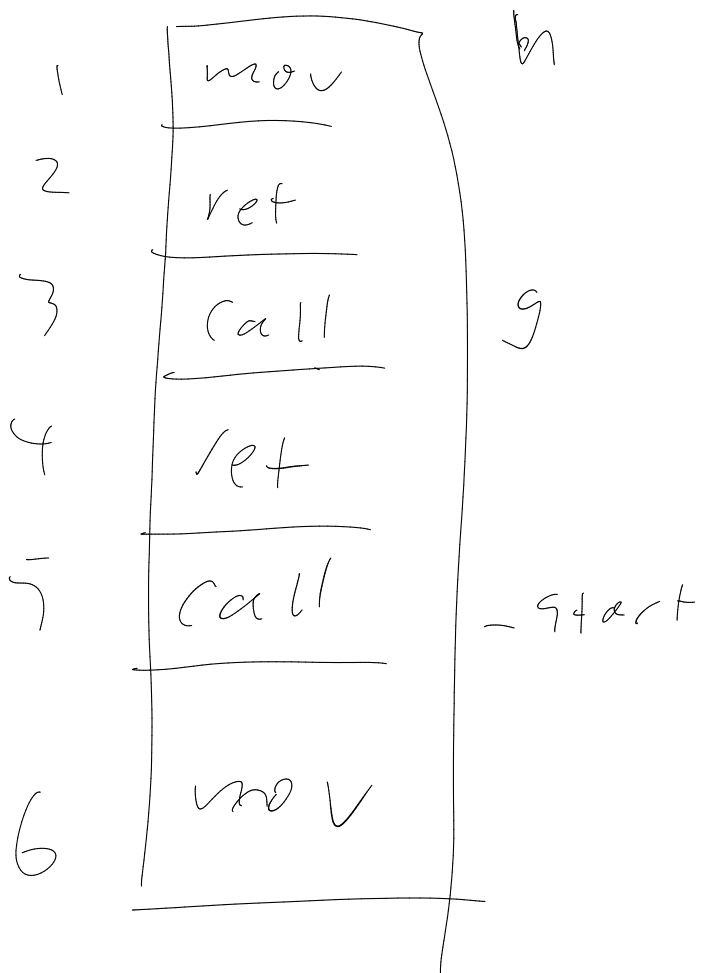
1	mov
2	ret
3	call
4	mov

rip 4

saved 4

rax 5

retval 5



rip

6

rax

--

main()

fac(3)

saved_n = 3

fac(2)

saved_n = 2

fac(1)

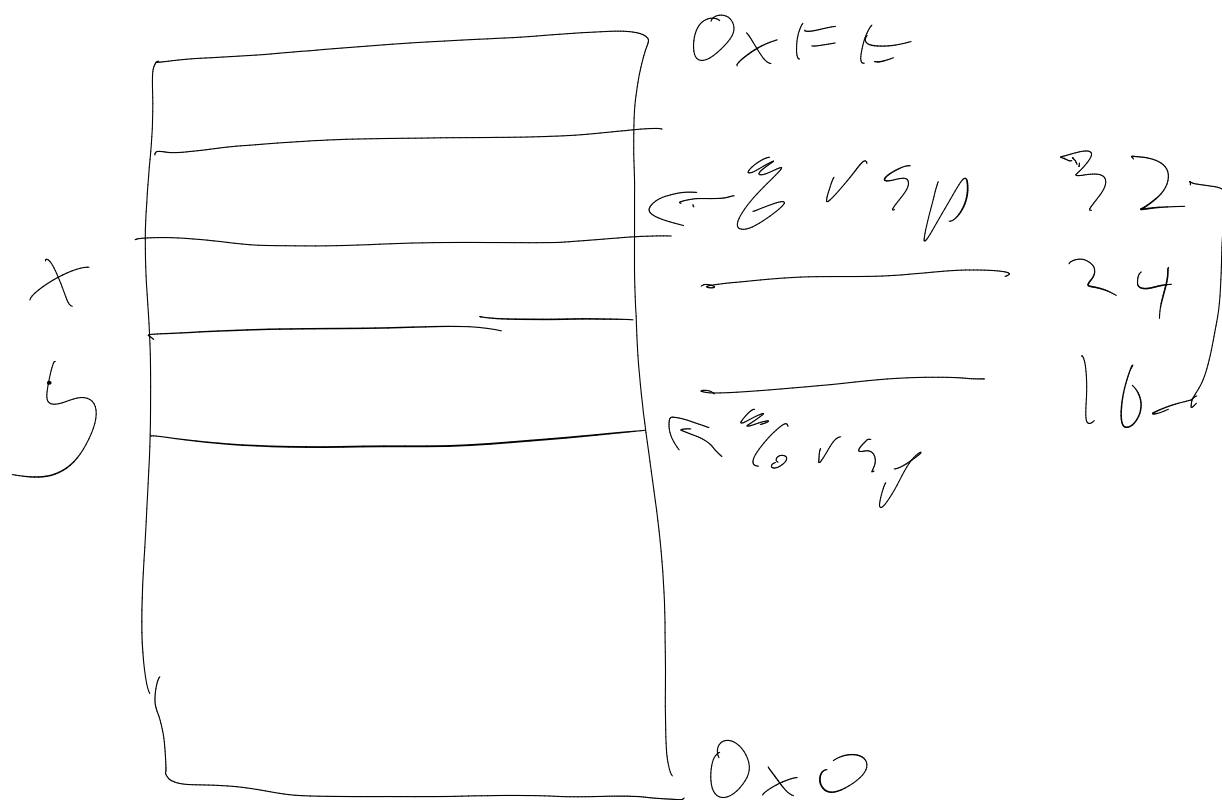
return 1

~~fac_n~~ * ~~saved_n~~²

return 2 3

~~fac_n~~² * ~~saved_n~~

return 4 6



vsp 10

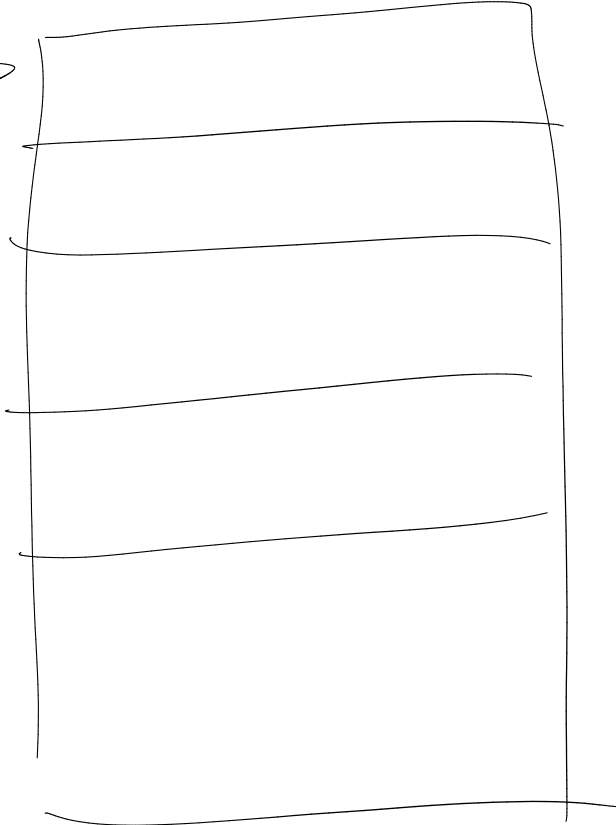
- 8 (ebp)

- 8

x

- 16

y



rbp

32

24

rsp

16

rsp

~~16~~

