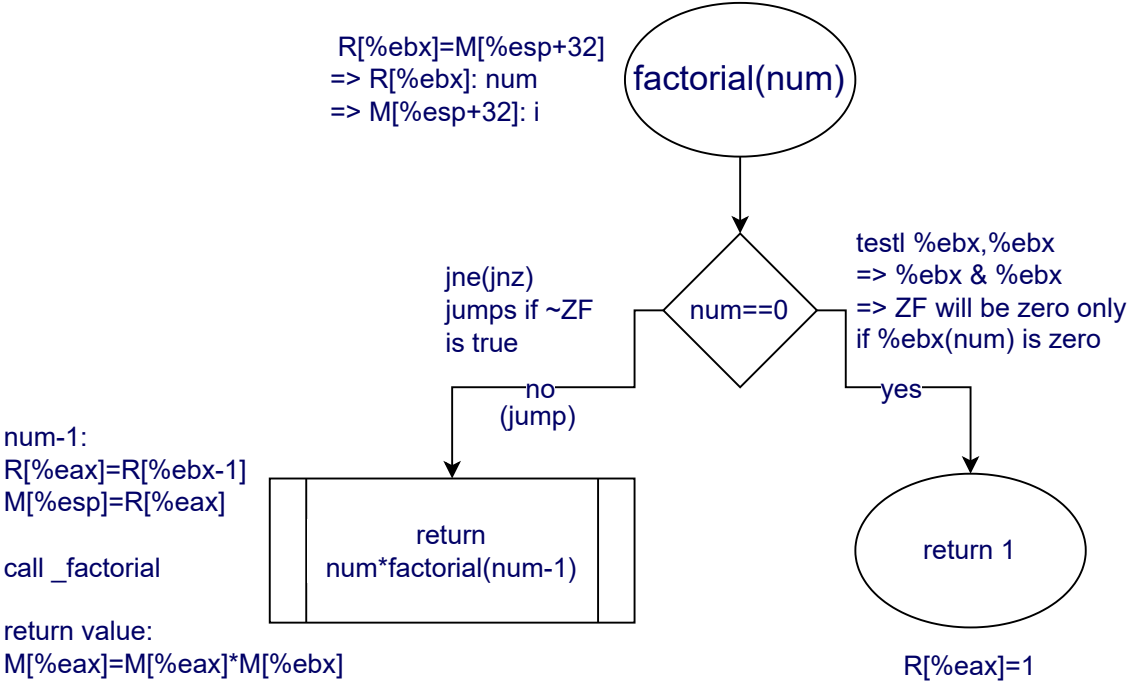
R[%ebx]=M[%esp+32]
=> R[%ebx]: num
=> M[%esp+32]: i
factorial(num)
num==0
testl %ebx,%ebx
=> %ebx & %ebx
=> ZF will be zero only
if %ebx(num) is zero
jne(jnz)
jumps if ~ZF
is true
no
(jump)
yes
num-1:
R[%eax]=R[%ebx-1]
M[%esp]=R[%eax]
call _factorial
return value:
M[%eax]=M[%eax]*M[%ebx]
return
num*factorial(num-1)
return 1
R[%eax]=1