main:
  irmovl $9, %edx
  irmovl $21, %ebx
  subl %edx, %ebx
  irmovl $128, %esp
  rmmovl %esp, 100(%ebx)
  pushl %edx
  popl %eax
  je done
  call proc
done:
  halt
proc:
  ret

What is the offset/PC value for the irmovl $21, %ebx statement? ___________________________
0x6

What is the instruction encoding for the rmmovl %esp, 100(%ebx) statement? ___________________________
404364000000

What is the instruction encoding for the pushl %edx statement? ___________________________
a02f

What is the value of %ebx after the program is executed? ___________________________
0xc