movw sourceword, %ax

movw %ax, %bx

xorw %cx, %cx

Question 1: What's in ax?

$1 = 171 : 10101011

Question 2: What's in bx?

$2 = 171 : 10101011

Question 3: What's in cx?

$3 = 0 : 0

Question 4: andw wordmask, %ax # What's in ax?

$4 = 139 : 10001011

Question 5: orw wordmask, %bx # What's in bx?

$5 = 239 : 11101111

Question 6: xorw wordmask, %cx # What's in cx?

$6 = 207 : 11101111

movl operand, %eax

movl %eax, %ebx

movl %eax, %ecx

Question 7: What's in eax?

$8 = 170 : 10101010

Question 8: What's in ebx?

$9 = 170 : 10101010

Question 9: What's in ecx?

$10 = 170 : 10101010

Question 10: shll $3,%eax #What's in eax?

$11 = 1360 : 10101010000

Question 11: rorl $4,%ebx # What's in ebx?

$12 = -1610612726 : 10100000000000000000000000001010

Question 12: sarl %ecx # Now what's in ecx?

$15 = 85 : 1010101