

Assembly

9.22.11

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- Exam 1 is next Thursday
- cbw - works with A register - convert byte to word

eax: CE24E5C6

cbw = CE24FFC6

cwd - convert word to double word dx: ax

eax: CE24E5C6 edx: 2416ABCD

cd = edx = 2416FFFF

cwd - eax: FFFFE5C6

cdq - edx: eax

FFFFFFFF: CE24E5C6

movsx eax, cl

cl goes into al & sign is filled

movzx eax, cl

cl goes into al & zero is filled