org 0x000  
minus:word 0xffff  
numone:word 0x4000  
numtwo:word 0xbfff  
signone:word 0x0000  
signtwo:word 0x0000  
resone:word 0x0000  
restwo:word 0x0000  
start:  
ld numone  
bpl checksecond  
ld minus   
st signone  
checksecond :ld numtwo  
bpl continue  
ld minus  
st signtwo  
continue:ld numone  
add numtwo  
st restwo  
ld signone  
adc signtwo  
st resone  
hlt