Absolute Value

Given variable A holds an 8-bit signed 2's complement number. Write a program to find the absolute value A. Save result back into variable A.

A = |A|

Simulation of the problem A = $|-113_{10}|$

Figure 1 Start of Absolute program with variable A initialized to -71_{16} (-113_{10})

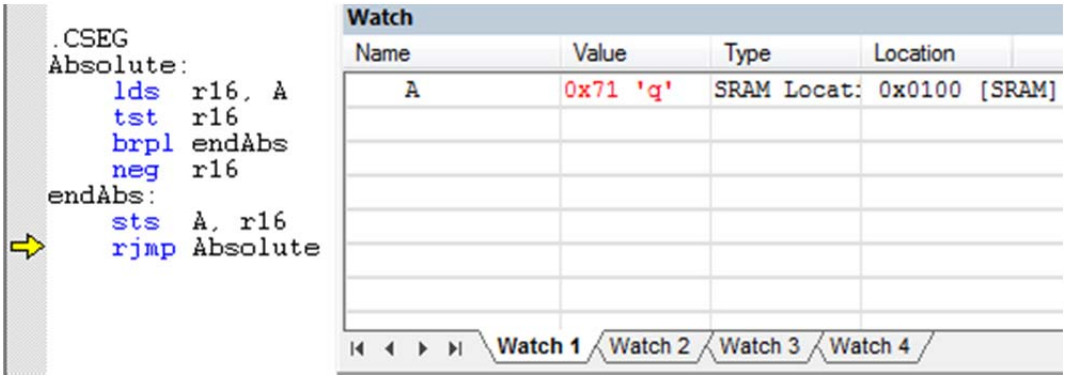

Figure 2 End of Absolute program with variable A containing $+71_{16}$ ($+113_{10}$)