

Switches are first set to 8'b 0000 0000

Switches are set to 8'b 0000 0111 (7 in decimal)

Switches are set to 8'b 1100 0101 (-59 in decimal)

First Half of the final result stored in register A  
8'hFE = 8'b 1111 1110

Reset is set to 1 to clear all the registers: register X, register A, and register B since it's an active-high signal

