Use the MDE 8051 microcontroller to design a 4 bit adder/subtracter in ASSEMBLY LANGUAGE. The user inputs two 4-bit binary numbers N and M on P3.0 to P3.3 and P3.4 to P3.7 The sum is sent to port P1.0 to P1.3 and the carry to P1.4. P2.0 is used to select either the addition or the subtraction operation.

