CHEM1102 2013-J-5 June 2013

•	What is the pH of a solution which is 0.10 M in both acetic acid and sodium acetate? The $K_a$ for acetic acid is $1.8 \times 10^{-5}$ .		Marks 4
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		Answer:	
	What is the final pH if 0.010 mol of HCl is added to 1.0 L of the above solution?		
		Answer:	