Computer Architecture-Homework IV 107 Fall semester, Chapter 5

5.11	Suppose an 8-bit data word stored in memory is 11000010. Using the Hamming algorithm, determine what check
	bits would be stored in memory with the data word. Show how you got your answer.

5.12	For the 8-bit word 0011 memory, the check bits	11001, the check bits stare calculated to be 11	tored with it would loop. What is the dat	be 0111. Suppose when a word that was read f	n the word is read from rom memory?
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5.13	How many check bits a 1024-bit data word?	are needed if the Hami	ming error correction	n code is used to detec	t single bit errors in a