Problem	<b>1</b> Given	the 8-bit	data word	d 0x57, cor	npute the	12-bit co	ode word.				
Expand (	data word	to binar	y and plac	e in table							
		•									
8	7		6	5		4		3	2		1
Calculate	e check b	ts (xor o	f indicated	data bits)	1						
Bit 1	1245		1 marcate	a data orto)	<u>'</u>						
Bit 2	1346										
Bit 3	2348										
Bit 4	5678										
D		1 1 7 1 2		1 . 1 1	1.1%	10.1%	1	1			
Renosifi	on origina	il data bii	ts and calc	ulated che	ck bits in	to 12-bit	code wor	d.			<del></del>
repositi											
12 Code wo				8 8 10xAB co		6 6	5	4	3	2	
12 Code wo	ord in hex	the 8-bit		l 0xAB, co			1		3	2	
12 Code wo Problem Expand	ord in hex  1 2 Given	the 8-bit	data word	l 0xAB, co	ompute the	e 12-bit c	ode word	i.		2	
12 Code wo	ord in hex	the 8-bit	data word	l 0xAB, co	ompute the		ode word		2	2	1
12 Code wo	ord in hex  1 2 Given  data word	the 8-bit	data word	l 0xAB, co	ompute the	e 12-bit c	ode word	i.		2	
12 Code wo Problem Expand o  8 Calculate Bit 1	ord in hex  1 2 Given  data word  7  e check b	the 8-bit to binary	data word	d 0xAB, co	ompute the	e 12-bit c	ode word	i.		2	
12 Code wo Problem Expand of 8 Calculate Bit 1 Bit 2	ord in hex  1 2 Given  data word  7  e check b  1245  1346	the 8-bit to binary	data word	d 0xAB, co	ompute the	e 12-bit c	ode word	i.		2	
12 Code wo  Problem  Expand of the second of	7 e check b 1245′ 1346′ 2348	the 8-bit to binary	data word	d 0xAB, co	ompute the	e 12-bit c	ode word	i.		2	
12 Code wo Problem Expand of 8 Calculate Bit 1 Bit 2	ord in hex  1 2 Given  data word  7  e check b  1245  1346	the 8-bit to binary	data word	d 0xAB, co	ompute the	e 12-bit c	ode word	i.		2	
Problem  Expand of 8  Calculate Bit 1  Bit 2  Bit 3  Bit 4	2 Given data word 7 e check b 1245 1346 2348 5678	the 8-bit to binary	data word y and plac 6 findicated	d 0xAB, co	ompute the	2 12-bit c	ode word	3		2	
Problem  Expand of 8  Calculate Bit 1  Bit 2  Bit 3  Bit 4	2 Given data word 7 e check b 1245 1346 2348 5678	the 8-bit to binary	data word y and plac 6 findicated	d 0xAB, co	ompute the	2 12-bit c	ode word	3		2	