50)(2) 0001 = 1 40) ~) 8,0 b) 0110 = 610 c) 1001 = 910 1) 000110002 c) 33₁₀ 0001:1,0 1000 : 8,0 33 16 = 2.063 -> 0.063 +16 = 1 : 18,0 2/16:0 -> 2: MSD e) 000110012 33 : 21 16 0001 : 1001 : 910 1) 521. 16 = 3.25 -7 0.25 7 16 = 4 t) 001100102 : 0 → 3:MSD 0011:3,00010, 2,0 52 : 34 / = 32 . 9) 010001012 e) 284,0 284 : 17.75 - 0.75 - 16 = 12 = C 0,2 = 1010 014 = 0010 1 = 1.063 - 0.063 x16 1 = 45 .0 16 = 0 -> 1 = MSB h) 10011000 2 284 . : 110 . 1001 : 9,0 1000:8,0 £) 2890 (° 2890 16 = 180.63 - 0.63.16:10:A 1) 10000111000, 150 = 11.25 -> 0.25 · 16 = 4 1000 2: 8,0 011/2:7,0 1000:8,0 116 : 0 -> 11 : B : MSB 2890 : B4A. 2) 4019,0 16 = 251, 188 > 0.188 x16 = 3 251 = 15.688 -> 0.688 x 16 = 11 : B 16 , 0 - 12: E: WZB 4019 : FB3 . . \ h) 6500 , 16 - 401.25 - 0.25 x 16 = 4 406 = 25.38 -> 0.36 - 16 = 6 = 1.56 - 0.56 - 16 = 9 6500,0 = 1964,1

56	Bloomy who Gray code	63) Determine which porty codes
	a) 11011 (a)	are in error
	1+1+0-1	-) 10011001C
	10110	Perity bit is I so the renolator
		6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	P) (001010	of the case should have odd
	1,0.0.1.0.1.0	number of lo. It loss, no error
	110111	N) 011101010
	c) 111101110	Rough lit is 0 so the renormer
	1-1-1-1-0-1-1-0-1110	of the code should have our
	100110011001	number of Is. It Loes not,
50) Goy code to binory	this code has an error.
		c) 101111100101010
	e) 1010	
	1010	could lit a I so the remainer
	1100	of the code should have on
	P) 000(0	odd number of Is. to Joes
	0 0 0 10	so Hac is no ever
-		B has an error
-	() 1100010001	
	10000011110	
		A STATE OF THE STA
60)	Dewmol Gray Cade	
		(