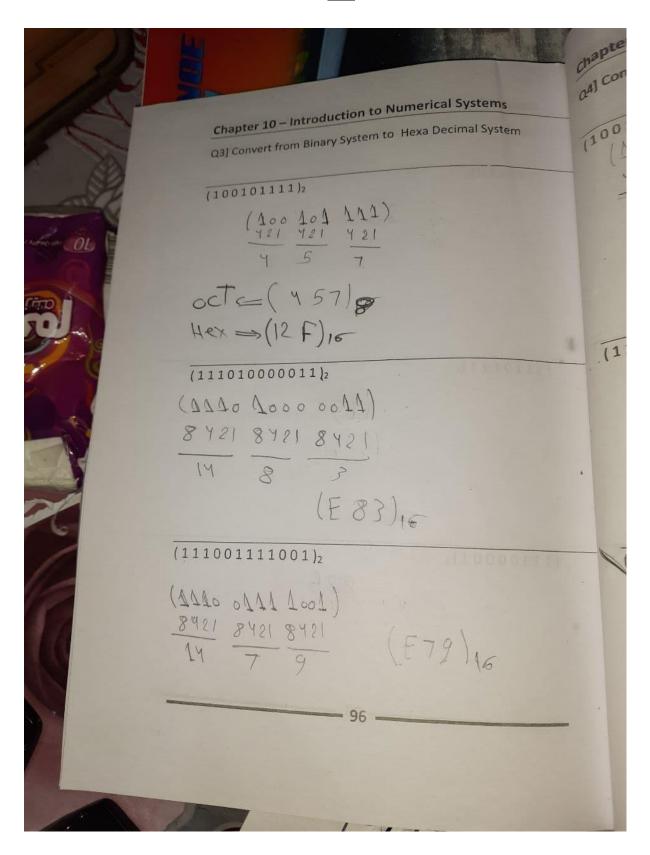
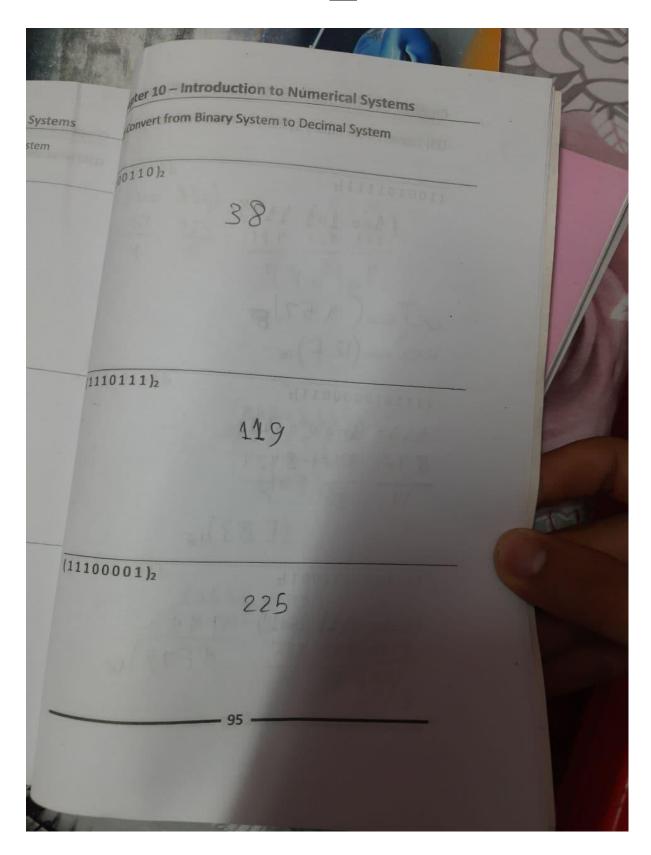
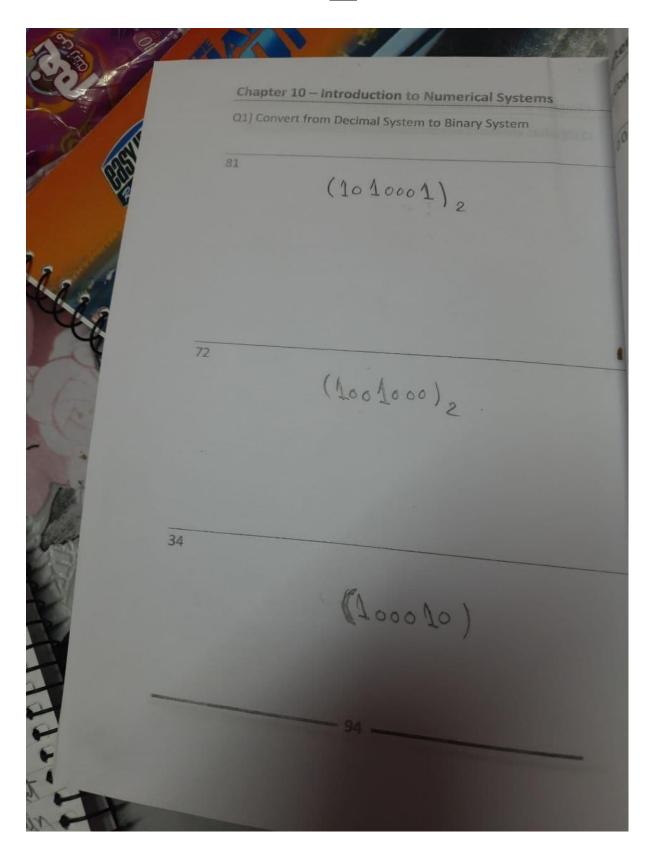
Numbering systems

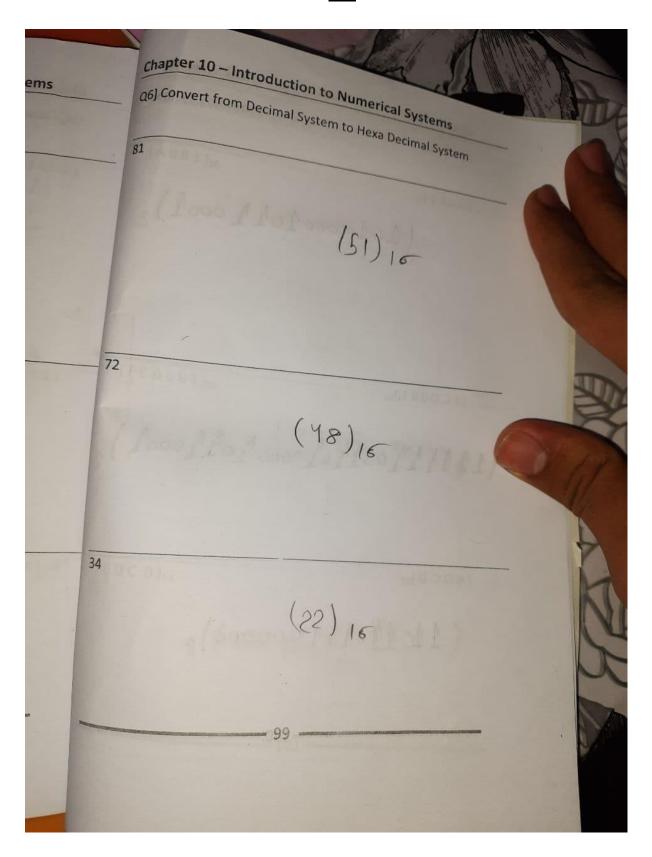
1. Convert decimal to binary:	2. Convert binary to decimal:	
1.1.(12)10	2.1.(00011010)2	
1.2.(20)10	2.2.(01010101)2	
1.3.(28)10	2.3.(01001111)2	
1.4.(64)10	2.4.(01100000)2	
1.5.(102)10	2.5.(01111111)2	
3. Perform the following ADD operations	4. Perform the following OR operations	
with detailed steps:	with detailed steps:	
3.1.(00000011)2 + (00000001)2	4.1.(00000011)2 (00000001)2	
3.2.(00011001)2 + (00101101)2	4.2.(00011001)2 (00101101)2	
3.3.(00011111)2 + (00011111)2	4.3.(00011111)2 (00011111)2	
3.4.(00001111)2 + (00001110)2	4.4.(00001111)2 (00001110)2	
3.5.(00010111)2 + (00110101)2	4,5.(00010111)2 (00110101)2	
5. Perform the following AND operations	6. Perform the following XOR operations	
with detailed steps:	with detailed steps:	
5.1.(00000011)2 & (00000001)2	6.1.(00000011)2 & (00000001)2	
5.2.(00011001)2 & (00101101)2	6.2.(00011001)2 & (00101101)2	
5.3.(00011111)2 & (00011111)2	6.3.(00011111)2 & (00011111)2	
5.4.(00001111)2 & (00001110)2	6.4.(00001111)2 & (00001110)2	
5.5.(00010111)2 & (00110101)2	6.5.(00010111)2 & (00110101)2	

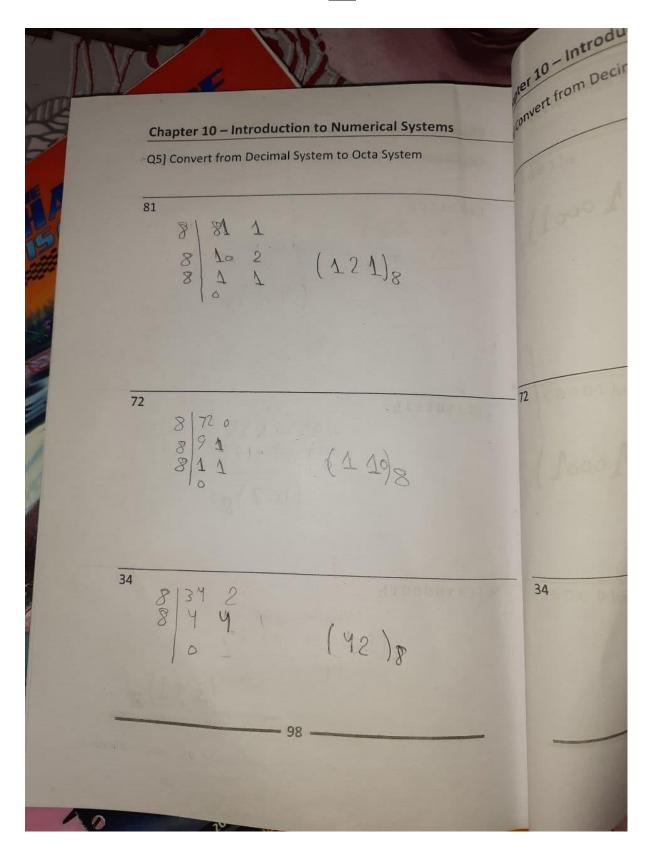


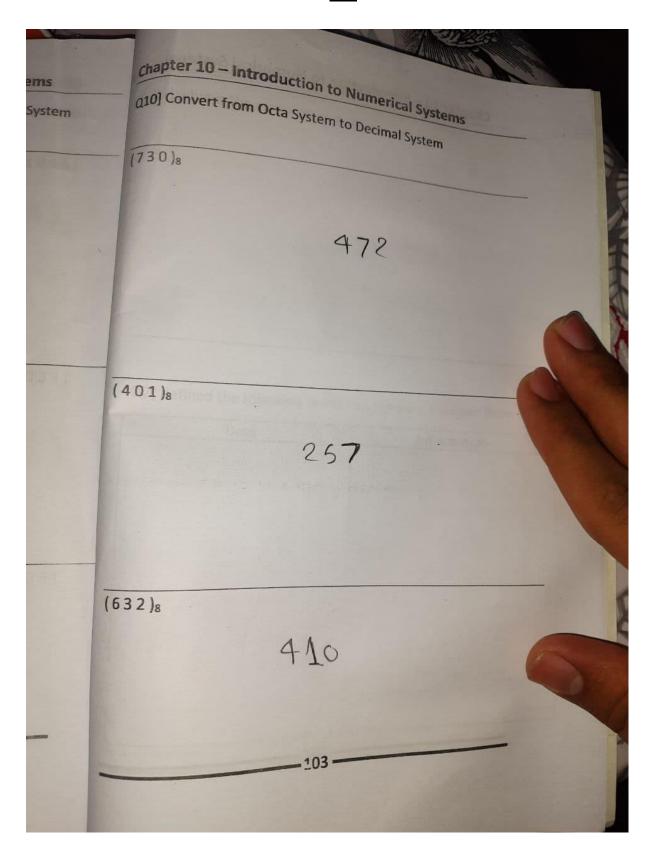




	hapte
Chapter 10 – Introduction to Numerical Systems	a8] Convert
Q7] Convert from Hexa Decimal System to Binary System	
	(AOB1)16
(AOB1) ₁₆	P
(1010000010110001)2	
(FCDOB1) ₁₆	(FCDOB
(1111)	(AD1)
(11111100110100010110001)2	
, 2	
(6DC 0) ₁₆	1
	(6DCO
(110110111000000)2	
	100
100	
	1000







A.	Chapter 10 – Introduction to Numerical Systems Q9] Convert from Hexa Decimal System to Decimal System		
	(A01) ₁₆	A(LEGA)	
	2561		
See Leville			
	(FB1) ₁₆	ACCOUNT N	
	4017		
	(6D0) ₁₆		
	1744		
	102		

