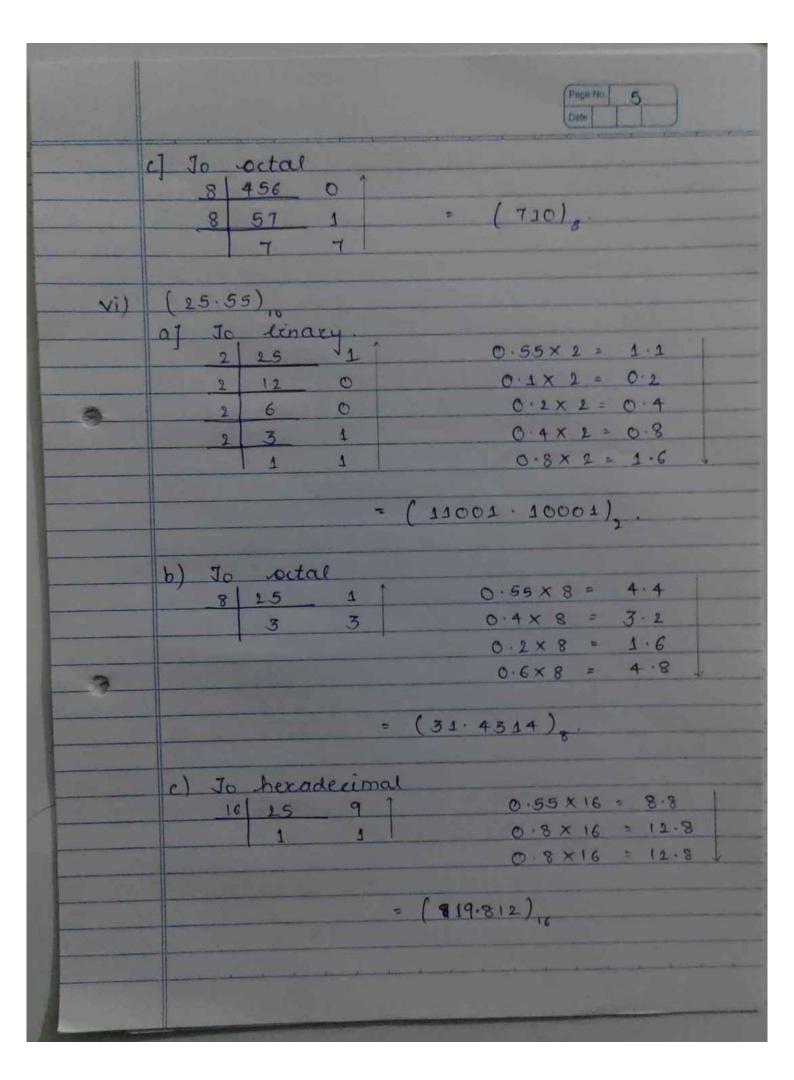
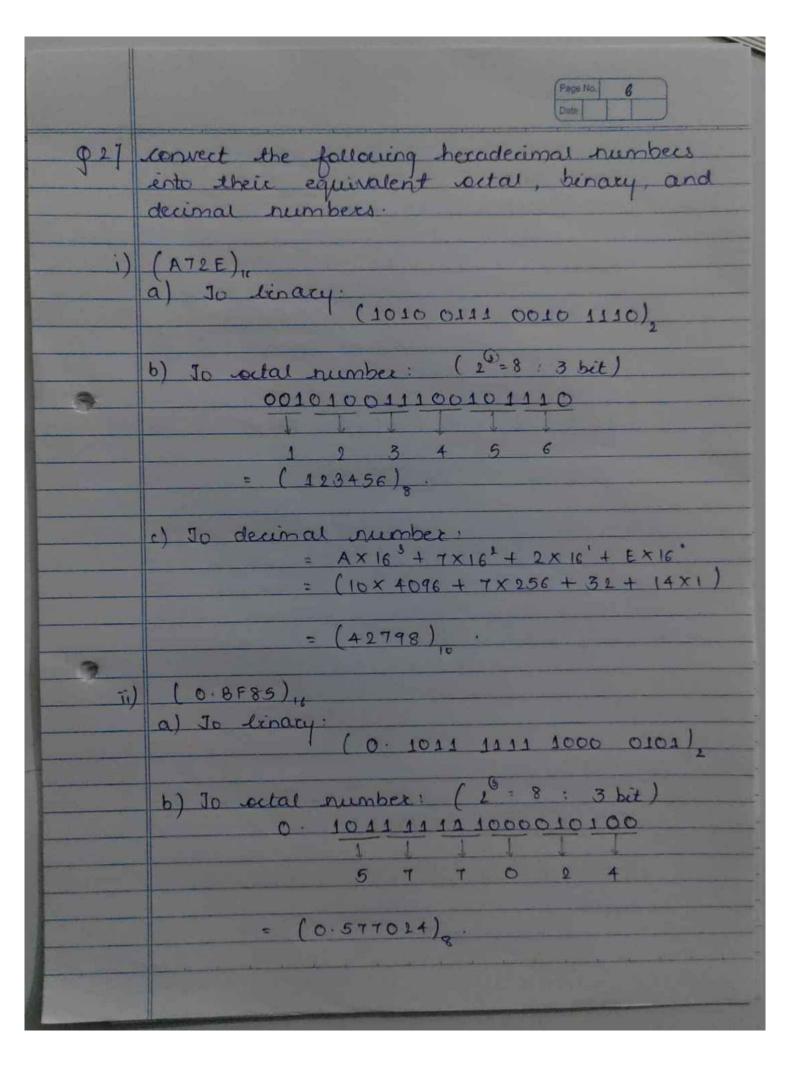
	NAME: YASHRAJ V. AWARE					
	ROLL NO:- 22			(Page No. 4		
	PRN NO: - 19	110167		Date		
	Dav :- D					
	A 9.9.7.6.1.2.5.4.7.5.4.					
	ASSIGNMENT :- 01.					
917	Convert the tollowing numbers into their					
4 1	Convert the following numbers into their equivalent binary, hexadecimal and octal					
	number.					
i)	1102					
	a] Jo	binary (1	102) 10 =			
	2	11100	A 4			
	2	551	0			
	2	275	1			
	2	137	1			
	2	68	0	=(10001001110)		
	2	34	0	(10001003110)		
	2	17	1			
	2	8	0			
	2	4	0			
•	2	2	0			
	_1	1	1			
		1 1				
	b] Jo	heradecin	al (1:	102) = ()		
	141	1166	*			
	16	1102 14		(445)		
	16	68 4		(44E)		
		4 4				
			 			
		Acceptance and an extension	distance and automobile con-			
THE RESERVE OF THE PERSON NAMED IN	A COMPANY OF THE PARTY OF					

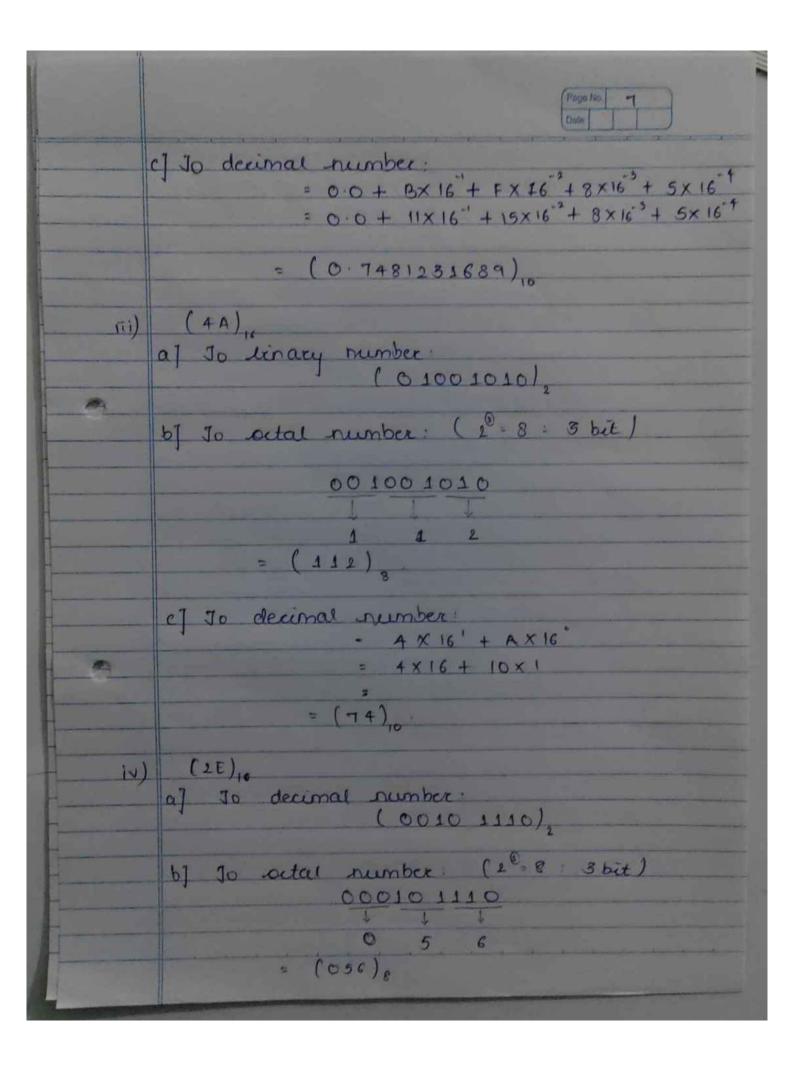
			200			
	Page No. 2					
	[] To octal number (1102) = ()					
				10 8		
	- 8	1102	6			
	8		- CHARLES THE COLUMN	= (2116)8		
	_8	17				
		1 2	2			
ii)	56.02	8.6				
	The second secon	binary				
3	2 56	01		0.0286 x 2 = 0.0592 -		
	2 28	0		0.0592 × 2 = 0.1144 -		
	2 14	0		0.1144 x 2 = 0.2288 -		
	2 7	1		0.1288 x 2 = 0.4576		
	2 3	1				
ļ———	1 4	1	= (444000 0 0001		
				111000.00001)		
	b) Jo	Herad	ecimal			
9	16 3	56	2 1	0.0286 x 16 0.4576		
		3	3	0.4576 × 16 = 7.3216		
				0.3116× 16 = 5.1456		
		-		0 · 1456 x 16 = 2.3296 4		
			= (3	52.0752)		
				16		
	c) Jo.	octal				
	8	58	0	O.0186 x 168= 0. 2288		
		7	7	0.2288 × 8 = 1.3304		
			,	0.3304 X8 = 6.6432 V		
			= (70.	016)		
	1					

THE A	
	Page No. 23 Oate
110	937
	a) Jo linary
-	2 937 1
	2 468 0
	2 234 0
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
-	2 58 0
	2 29 1
-	2, 14 0
10	2 7 1
	2 3 1
-	1 1 1
-	1) 7
	b) To beradecimal octal
	8 937 1
	8 117 5 = (1651) 8 14 6
	1 1
•	c) To heradecimal
	16 937 9 1
	16 58 10 = (349)18
	3 3
(vi	1.025
	(1), 0.015 x 1 = 0.050
	0.05× 2 * 0.1
	0.1 × 1 = 0.2
	= (1.000),
	= (1 000)
Bio.	

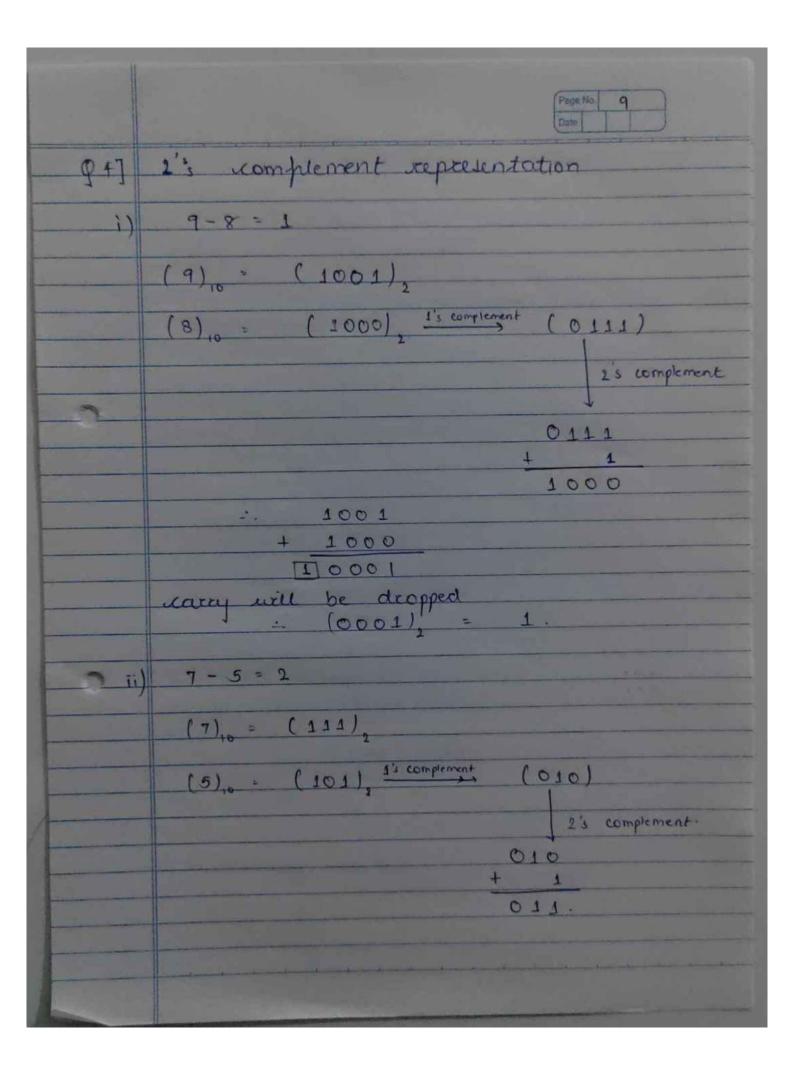
	Page No. 4 Oate				
	b) To sectal				
	- (1), 1 0.015x 8 - 0.100				
	0.2 x 8 = 1.6				
	0.6 x 8 = 4.8				
	0.8 × 8 = 6.4				
	= (1.0146),				
	c) To heradecimal				
-	= (1) ₁₆ 0.025 × 16 = 0.4				
	0.4 × 16 = 6.4				
Leader I	0.4 × 16 = 6.4				
	- (1.066)				
(v	((456),0				
	a) Jo linary 2 456 0 1				
	2 228 0				
9	1 114 0				
	2 57 1 = (111001000)				
	2 28 0				
	2 14 0				
	2 7 1				
-	2 3 1 I 1				
10-10-10	b) To heradecimal				
	16 456 8				
	16 28 26 - (218)				
	12, , , , , , , , , , , , , , , , , , ,				
And the same					
-					







	Page No. 8
	c] Jo decimal number: = 2 x 16 + E x 16° = 32 + 14 = (46)
93]	Convect the following octal numbers into their equivalent heradecimal, binary and decimal numbers.
- i]	(127) a) Jo knary number: 2 127
11)	b) Jo hexadecimal number: 01111111 7 15 = (715) ₁₆ (0.3467) ₈ a) Jo kinary number:



Fage No. 10 111 1 0 10 carry will be dropped, (iii (5) = (101), (7) = (111) 13 complements (000) 2's complement 000 + 1 001 . 101 001 110 since no carry is generated, it will remain as it was, but it is in 2's complement and regative. (110) -- (010) = -2.