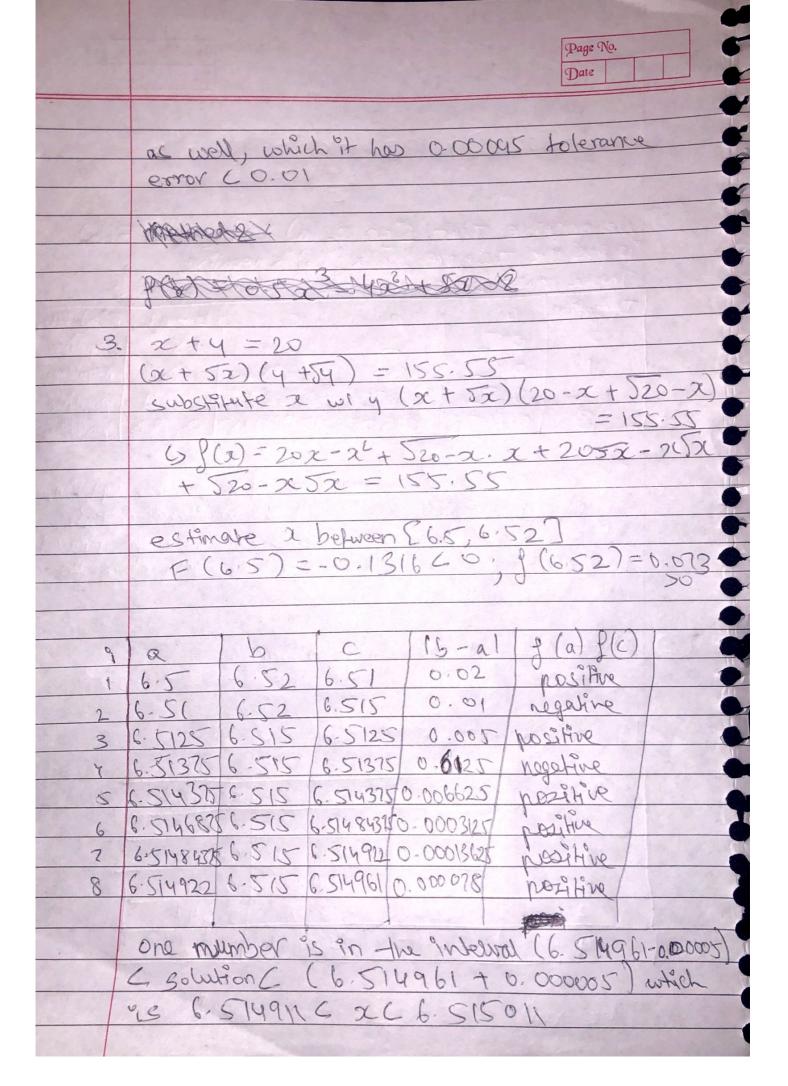
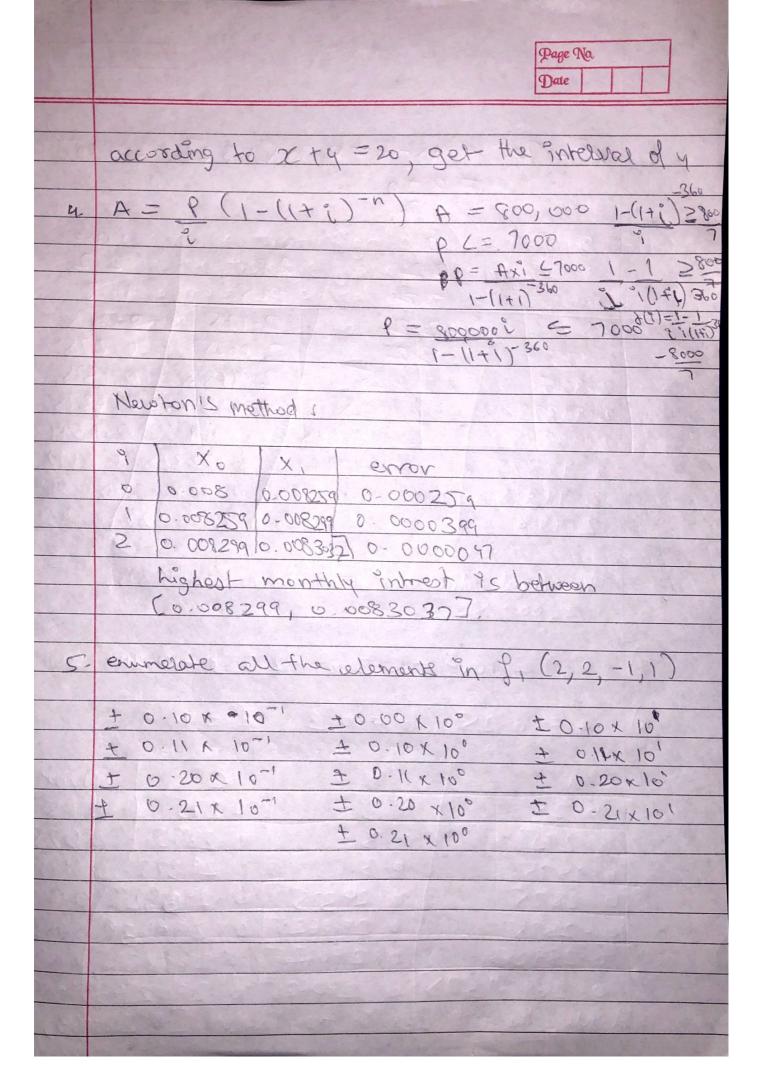
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	HW-1						
	We observe that sign of (a) is negative, FIb)						
	is positive, therefore fla) x f (b) is negative.						
	There must be a real groot between a and b						
	Iteration C	i b	C	16-91	F(a) F(b)		
	0 0	.5_ 2		+ 1.2			
	1 0	.5 1.2	5 0.87	5+ 0.75	negative		
No.	2 0	-2- 0.8	75 10-68	75 0.375	· I woulding		
7918	3 10.	6875- 0-	875 0.78	5/25-10-187	5 positive		
9(3)(3)							
	If are calculate the true value of x for this equation,						
	It about 0-8366, we find the at Heraton #2						
	it shows thele all some roots exists in the interval						
5.445.76	[0.78125, 0.825) which there are very close to						
	the true value of oc						
	20						
(2)	Method 2: Newton's Method Journala:						
	$x_1 = x_0 - f(x_0)$ $f'(x_0) = 6 - 8x + 1.5x^2$						
	IT we try 2000, then,						
	0,	Xo	X.	Error			
	0		2	Charles Charles			
	1	12	1.5	0.5			
	2	1.5	1.38 095	0-119			
	3		1.36927	10-0117			
3	4	11.36927	1.36910	10-00018			
	The 15633						
	The real roots exists in the interval [6.15637, 6.15633]						





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		Date				
6.	x3-722+14x-6=0 in C1	2.7				
	c = a + b	15.21	E = 10			
	2					
	a b		0:-			
	3.2 2.1		6 Dor			
Con Water	12.1 3.2 2.65	- 4	2.2			
	215		1.8			
1/2 3/1	205	1	0.55			
	2 905	- 0 -	0.275			
	0.0000		0.6875			
	2.99375 3.021825 3		0.0344			
	2.99375 3.0109 3	3.002325	0.0172			
	2.11313 3.002325	2.998	3800.0			
	2.998 3.002325	2.0001625	50.0425			
	The head values are in the internal (2.99375,					
	3.00235]					
7.)						
(1)	$8(x) = 10x^3 - 8.3x^2 + 2.7$	Sx - 0.2	1141=0			
द)	0= 005 1 000	, -7	1			
<b>'</b>	9=0.25, b=0.3, 8	== 10 -				
	a -   b -	C	0			
		6.275	Cror.			
		0.2875	0.05			
	0-2875 0.3	0-29375	10.0125			
			5/0.0062			
	0-2875 6.296625	0 - 29062	30 0.00312			
	0.289063 0.290625	6-28983	35 0.00183			
	0.28984375 0.290625	0.29023	38 6.000 18			
	Here the most lies in the inte	elual Co.S	589063			
		0 1	2906257			

