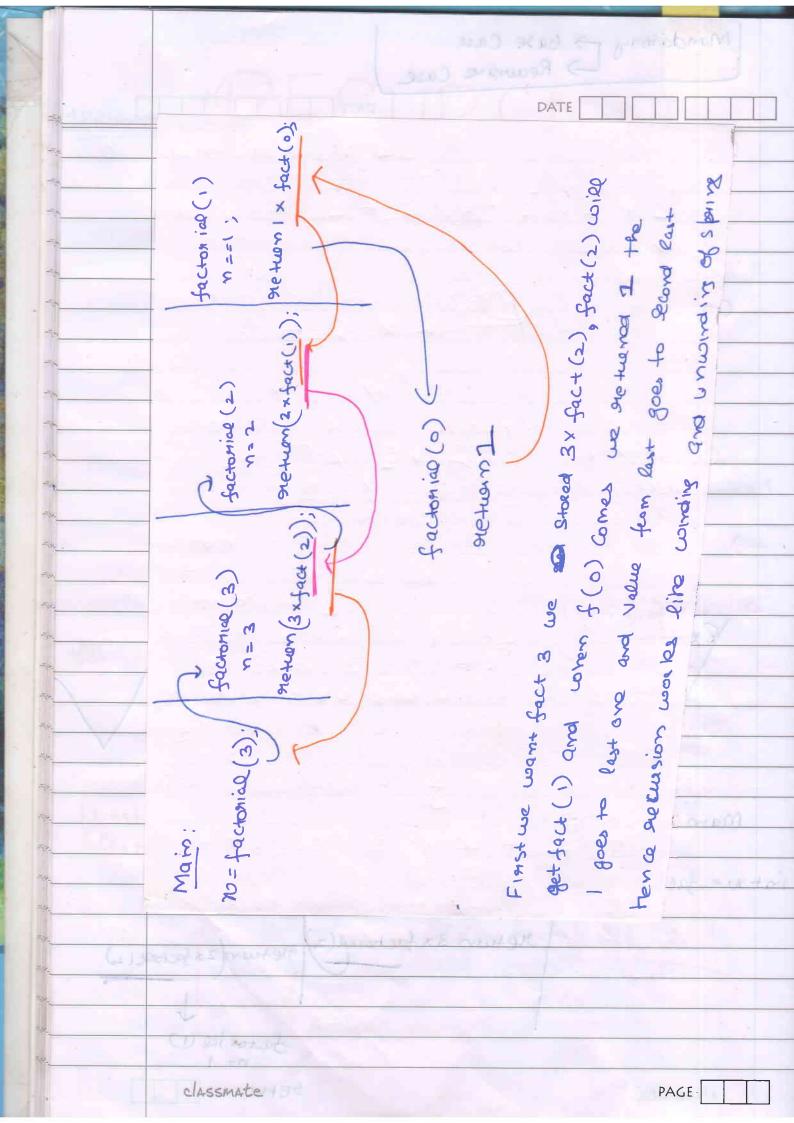
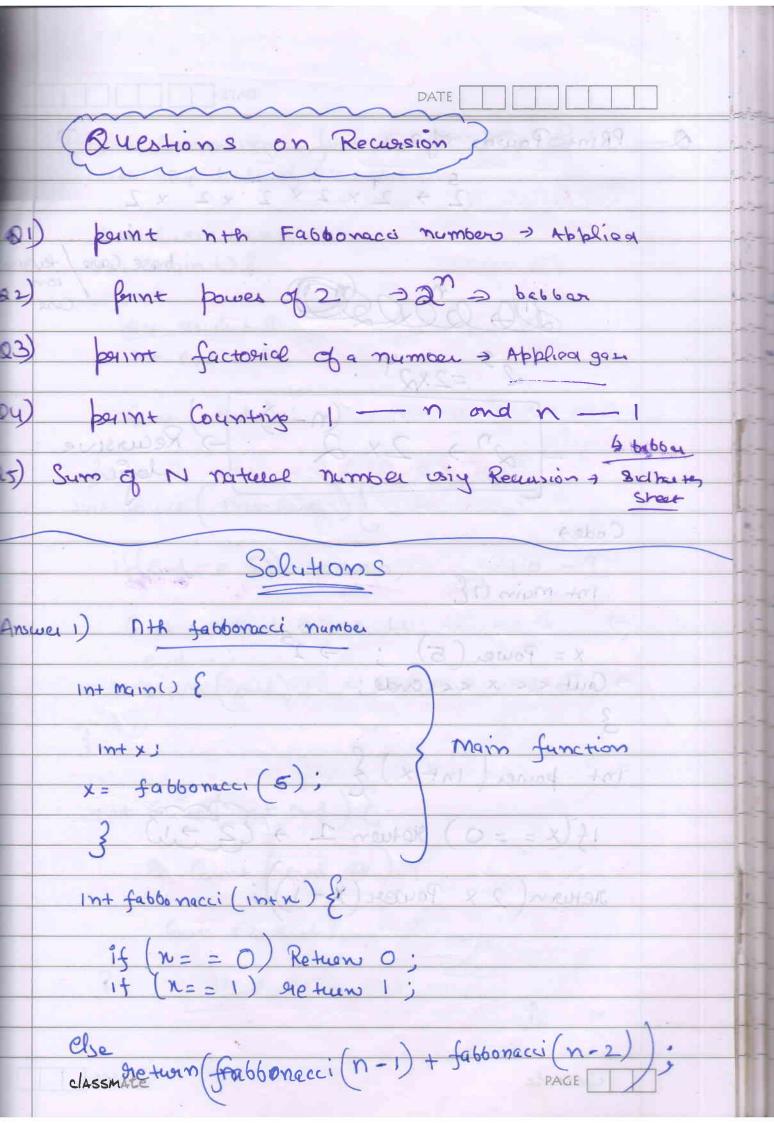
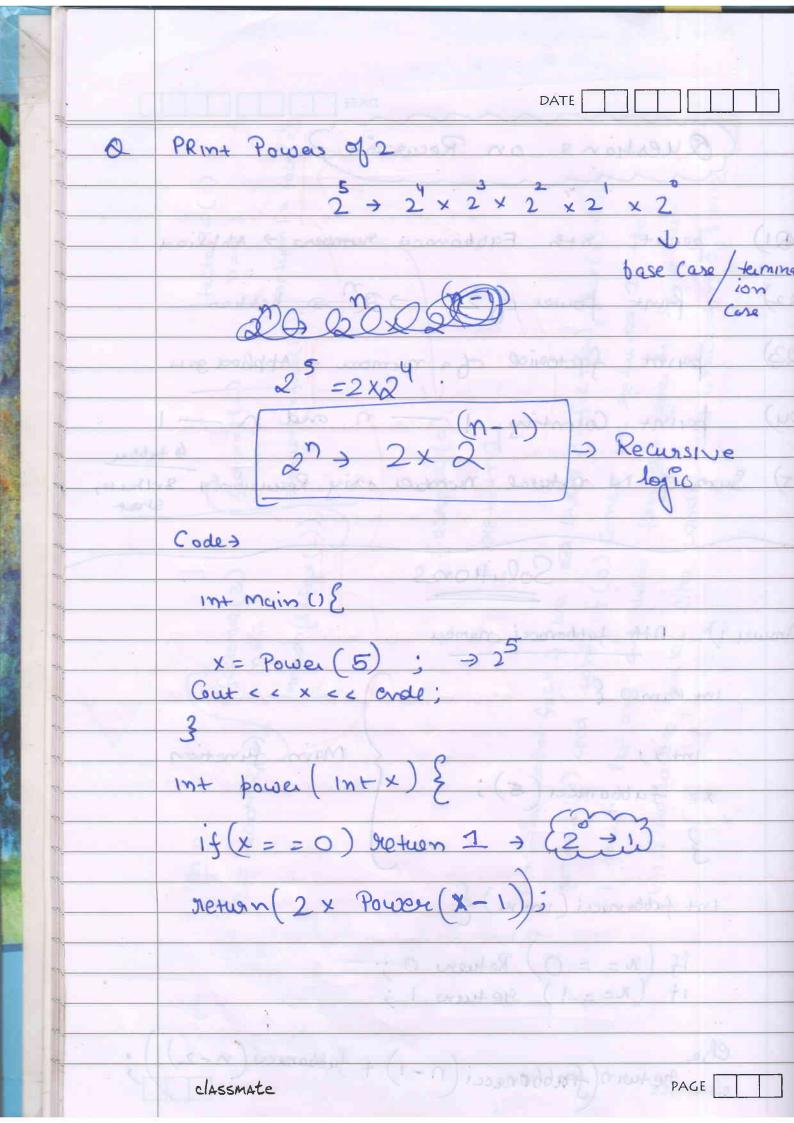
	1 February RECURSION
	Meaning -> Calling breaking a larger peroblem un to Same peroblem of smaller Size
	Imagine I want to find $n!$ $n! = n \times (n-1) \times (n-2) = -x!$
	if we use loops for this that is Called the Herative aparason
	(ode vsing Poolps -) mt factorail (Int n) { Iterative Int is ans; setuen is
	Algorithm.) fon (inti=1 ; i <= n; i++) $ \begin{bmatrix} 0 & 1 & -1 \\ 0 & 1 & -1 \end{bmatrix} $
#	classmate PAGE

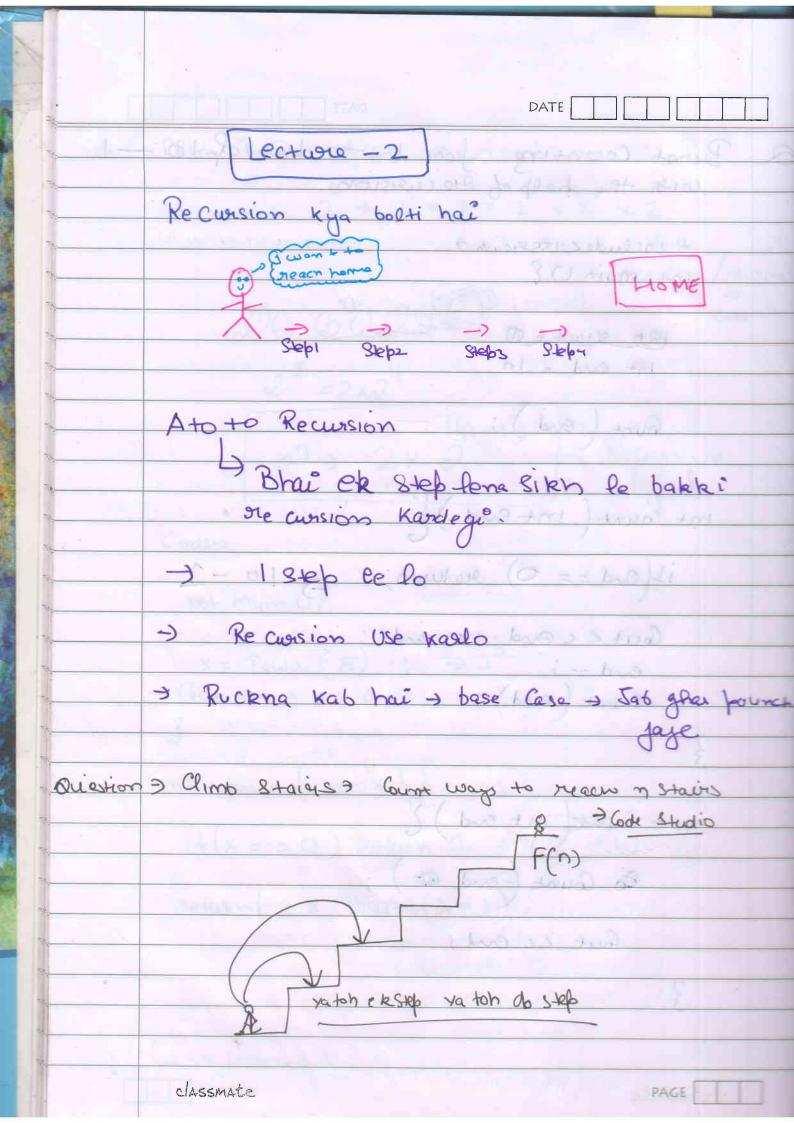
tony > 60 Se Case Reaussive Case DATE					
Recursive Way >					
we can waite ni -> nx(n-1)!					
Code A					
Code -) Int factoraie (Int n)					
$i + (n = = 0) $ {					
gretuen 1; 11 base care					
else neturn (n x factorial (n-1));					
Explanation 5 M x factorial (n-1) 5 x factorial (u)					
Main:					
n + n = factogica(3) factogica(3) factogica(2) $n = 3$ $n = 2$					
neturn 3x factoriol(2) neturn(2x factore(2)					
Sactor ice (1) n=1 classmate 9th PAGE					







Ė	DATE DATE
_	Burnt Counting from 1-10 & 10-1
	with the help of He cursion.
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	late stule & D
	Int end = 10
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	Blue ek steplem sixu la bailer
	Int Count (Intend) {
	The state of the s
	if(ard == 0) return; => 10-1
	Cout < c ende; mission of the
	end -:
eu	of live Count (end) it a find down or so Tome
	2 September 1 Sept
	oil not Gunt (int End) {
	The deliver (were and)
	Gunt (-end);
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	Cout LL ends
	3 miles and a state of the stat
	3 Windle Alexander of the great of the Color
	classmate



	(to 2 = 2 =)
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	ya toh I Chelore ya to 2 Cholor Mark Mark (n-1)
	(n-1) $(n-2)$
	Recursic Relation) F(n) = F(n-1) + F(n-2)
	Base Case > if (n < 0) } zero k niche gretuen 0; } to koi staie ni mi Int
	noi hai
	if h = = 1)) > Vo about D Stair furher
	Return 1: So tre tras one
	par agna. Vani par jump
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	Kud K aaya
	Code > m+ Count Staurs (Int Staurs)
	it (Staurs < 0) grotueno 0; } base Core
	if (Staus < 0) glotum 0; } bax Core H (Staus = =0) glotum 1;
	Hecursive gulation->
	Meturn (Gunt Stair (n-1) + Count stau (n-2);
Ī	classmate

8,Feb, 2022 Recursion (Ques we will check for first 2 if the then Chock for next two H Not Sorked + Return false! (Rough) 11 base Case -) if cor (Size = = 0) 11 (812e = = 1)

Return true; if (ann [o] > are [i]) netur false 1-0-Cly 14 1900 Depos cesing mental Call function aver+1 Classmate Gker Point

		Feb, 2022
		DATE DATE
	Simon -	Code->
325		153 V (- Mo/2 Ru 59/)
100		# include < 10 stepam>
76.		Using namespace std;
		(S- Are no before 21 VASSA - BALLOND STUDIES) (SIN
776		600 158091td (Int arm [] , Int Size ())
-		
164		11 base care
		if (81ze = = 0 11 8ize = = 1) Return true;
18)		
1%		if (aoor [D] > arn [1] Return false;
1	NAT	SUCH AL CONTROL THE DESIGN OF THE SECTION OF THE SE
76/		Else (Issonted (arout) g Size-1);
79		netuvo
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100		Lenier Search (Sing Reunsion)
700		Code > Code
	A	
	M	bool levier_ some (intarr() o int size o int target)
		if (Size = = 0) return false;
	_	if (asor [0] = = target) section time;
-		
776		Clse ton
-		Return Jenier_ Search (Quit 1 , 8ize-1 , target
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		(elmp things to hote)
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is Dad 168 3	Lead Till & Line
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	320) 220d //
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