	Tutorial 5
1	i) Start
	ii) make a stack, stack()
	iii) Make a function push (input) to
	bush an element into the stack ().
	iv) Make a function pop() to pop top
	element of the stack().
	V) Take an input number, n.
	vi) Make a recursine function for factorial
	of n as factorial (n)
	factorial (n)
	push 20 factorial (2) 3
	bush (n);
	popie
	if (n==0)
	push (1) is dead
	else
	push (n* dactorial (n-1));
	3
	vii) Display the top element of the
	viil Display the top element of the stack, i.e., jactorial of n.
	viii) Stop.
	- dod
	parst 1
	First sterrint pueble at the will
	A6= D + C + C + 1 + P 14
	be in that I hat a falling his
	ditte

-	Total 5		
-	Dry run (for 14)	t. other	_, [5, _]
+	or about a stockel	dr 1	
-	il-Start 1	Marile	1::
L	illin = 4 in topolo no	ding	
	iii) push (4)	- deli	1.1
	bob. Dist. sat	+ Indian K	'h
+	push 4 * pectorial	(3)	2
	a remaring burelos to los	14011	1.
	bush (3) a) Voicet w	A la	
		Jacker	
	push 3* factorial (	2)	
	2 (1)	0.54	
-	push (2)	x-1	
A LOW SECTION SHAPE BELLEVILLE	pop (	11	
	bush 2 + factorial (	(1)	
		o P.	
	bush(1)		
	bob	5	
	push 1* factorial (	Popular	liv
	in lastronich is no	itak.	
-	push (0)	Steh	1111
	hob "		
	bush 1		
-			
-	Final element bushed at	top wi	ll
	be 1 * 1 * 2 * 3 * 4 = 2	4	
A COLUMN TO A COLU	Final element bushed at be 1 * 1 * 2 * 3 * 4 = 2 iv) Display stack [top], i.e.,	24	
	v) Stop.		

Name and Address of the Owner, where	
91	i) Start
01)	ii) Greate an array arr [1] for characters.
	iii   Cercate 2 more gerage, as left [N] &
	ii) Create an array, arr [1] for characters. iii) Create 2 more arrays, as left [1] &
	is Terangue therough are [] and less coky
	iv) Teranerse therough arr [] and for copy (" 'E' & "I" in left [] accordingly.
	Similarly, ')', 1 '3' & I' in right [].
	y Define a loop for N/2 and report
	He tollowing
	the following:  for left (i), search the corresponding
	bracket starting from (n-i) in right []
	and for swap it with right [n-i].
	vi) Copy (by replacing) left [] to arrs[]
	and the for further half, right [) to
	01.
	arr LJ.
	vii) Display our [].
	VIII) = Drop.
	Taltacia substance
	and the dank is
	matter to the let tell and the
	Copy of Till Alpin
	1 2 2 12 12 13 13 13 13 13
	1 2 2 L. 1 3 5 A

for left [o], right for left [1] , 4 righ , right , right [2] matches: [1], right [1] Joes not matches so swap th [2] , right 'J', '3', '4'