	store 67
28/4/20	Peranau R
281	Lat Perogeram: 1 18M19CS11
1	WAP - to simulate the working of stack, using an array with:
	using an array with:
a)	Rush
4)	Pop
9	The perogram should point messeys for stack over underflow
	aver underflow
	Code:
	# include < stdio, h?
	+ include (stablib.6)
	# define N5
	int top = -1 elack [N].
	void push ()
	int top = -1 g stack [N]; void push () void pop () void display ()
	Void display
	void push ()
10	2
	int a;
	if (top = = N-1)
100	8 4 E
	printf (" slock overflow");
	3
	rese e

parint ("Fenter the element to be added")

stack [top] = a; printf I" n The deleted element is: 1); top = top -1; sixty 1"The stack is empty");

Scanned by TapScanner

void main () jor (ii) case 3: display (); break cose 4: crit (0); Output: Stack aperations Enter your choire to be oddy

Enter your chain to be added: 20 Stack operations Enter your choise (1- 4) Enter your chaire to be added: 22 Stack operations Enter your choice (1-4): Enter your Element to be added: 24 Stack operations: Enter your choice: 3 20

store Stack operations Enter your choice (1-4): Stack overfleen Stack aperation Enter your choice (1-4): The deleted clement is: 24 Stack operations Enter your chaire (1-4): The deleted element is: 22 Stack oferations Pust

Enter your chaine '61 The deleted element is: 20 Stack operations Enter your chain (1-4):2 Stack underflow Stock aperations Entor your choice (1-4):3 Stack is empty Stock aperations Exit de Enter your chaire (# 1-4): 4