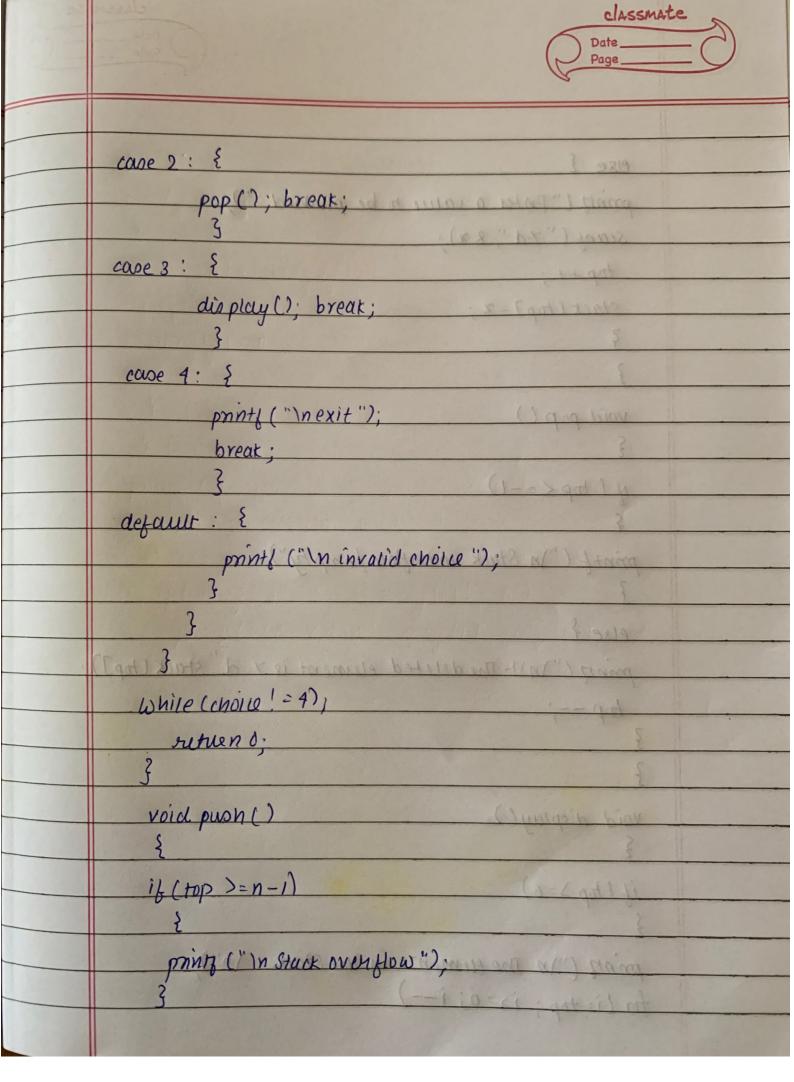


	Page
	Mallika Prasad IBM1905081 Sec-B.
	LP#1
	WAP to simulate the working of stack using an among with the
	following a) puon b) pop. c) clisplay. The prog. should print
	appropriate messages for stak overflow and underflow.
	3 (Til grice) == Fil caces 331
	# include (stdio.n)
	Void push ();
	void pop();
	void display();
	int stack [100], choice, n, top, 2, i;
(int main c) of the many of the many of the main co
	PAEL MATERIAL MATERIAL MATERIAL CHARGE OF ORDER OF A NEW AND ALLERS OF THE STATE OF
	top = -1; 3/ 10/10/10/10/10/10/10/10/10/10/10/10/10/1
	print(["forth size of stack (max = 100): ");
	scanf ("Y.d", sn)
	print ("In 1. push \n2. pop\n3. display\n4. exit");
	do to the state of
	2
	printy ("In Enter option number to be performed:").
	scanf ("Y.d", schoice);
	switch (chône)
	Find and a second secon
	case 1 ! { push ();}
	break;
	3



```
Page.
else {
prints (" Enter a value to be pushed!");
Scanf (" Y-d", 82);
top++;
Stack [top] = 2;
void pop ()
if ( top < = -1)
printf ("In Stuck underflow (empty");
 else {
prints (") nIt- The deleted element is y. d', stack [top]);
top --;
void display()
if (top >= 0)
prints ("In The element in the Stack: In").
for (i= top; i>= 0; i--)
```

```
printf("In 1 1-d", stack[i]);
 else
 print ("In Stack is empty");
  3
```