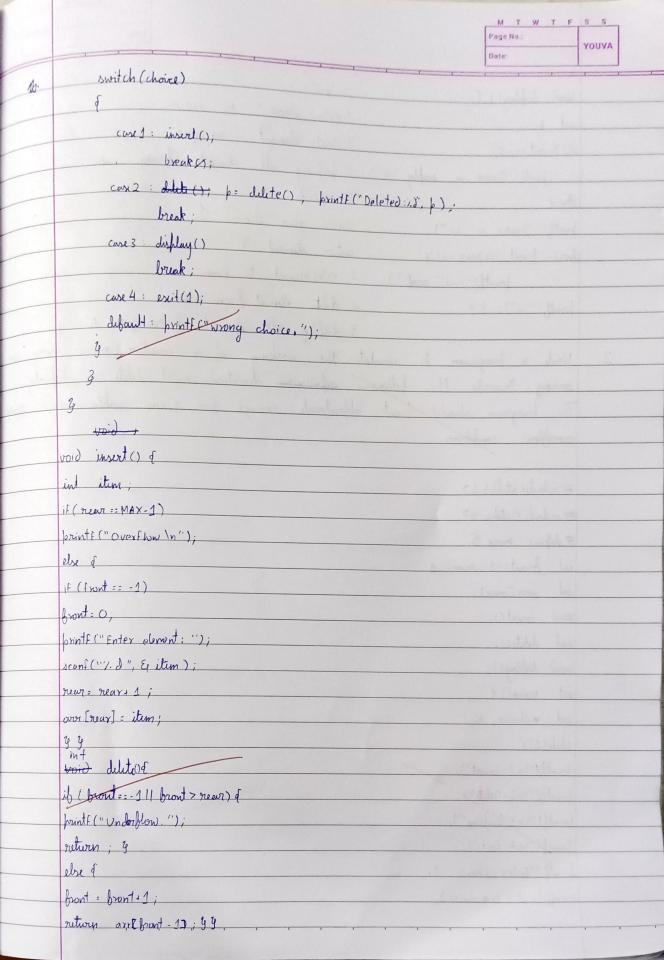
		M T W T F. age No.:	YOUVA
	Date: 8/1/2029	1 1	
1.	Write a program to simulate the working of the ob is an array. Provide the following duration: Insert, delete, differentially fruit approprients message for overflow se underlyto	y. he prog	now
	Fracticle (sho italio h)		
	word insut (0 int & front, int year);	7 54 6	
	£ \	<u> </u>	
	int num	tomate vota?	
	fruith (neutre pumber: ");		
	seurb ("/d", num);	· mile tribal	
	void duta();	A	
	void display();		
	int		
	Flinchoexstolibh>		
	#include < stdiv h>		
	# define MAX 50		
	int delite (),		
	void to display();		
	int our MAX];		
	int near = -1		
	inl board = -1;		
	rond main()		
d			
	int pychoice;		
	while (1)		
	(
	printly ("I. (nort element to quene (");		
	print 6 ("2. Delete element brown queue (n");		
	print 6("3. Display all element of queen'n");		
	frint b ("4 conit (n");		
	print ("Enter your choice;");		
	spant ("/d", El choice);		-



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, Output:
   void displaye of
                                 · 1 enter element da quave
                         2 delete element from your
  ib ( bront ===1)
   provide ("Queen is empty in"); 3 display all elements brown queen
                              .4 quit
  postf ("Queece is in"); conter your choice 1
  for (12 bront; ice mar, 121); anter alement: 3
       brintf("2.d", overfil); I exterdemed to give
  print( (" ("); 43
                           2 delite about from queue
                               3 display all almeets brom quem is
Write a program to simulate the working of a circular green using an
 averay. Provide the bollowing expressions operations insect, delete se display.
 The brogram should brist obbrobriate message bor queue emplin
 overflow condition.
 #include establib h)
Findud < stdio h>
 # define mase 5
in bront - 1, ruar - 1
int over[max];
void insert ();
in delitecs;
void displayes;
int main () &
int whoice, ho:
While (1) of
print b ("In 1. Insert");
frind 6 ("In2 Deleti");
frint ["\n3. Dishlay");
frontform 4 Exit");
wind ("Enter choice: ");
scanfi 1 d", Eparchoice);
```

switch (choice) { case 1: insert(); break; case 2: no= delete(); care 3: display (); case 4: exit(1); default: print ("In Wrong choice In"); 344 void insert () & insert int no; if ((bront == 0 & & & rear == max-1) | front == rear + 1) of printf("In Giralar C Overload"); return; prints ("In Entex a number to insurt: "); sconf ("1.d", Eq no); if (bront == -1) bront : bront + 1; offic (rear == max - 1) rear = 0; else near = near 1 1; ary [reny] = no; int delete () of if ([-== trood) fi printf("Underflow,"); 3 e = arrEbront] if (brint == max - 1) bront = 0;

		Date:
	else ib (boont == rear) of	
	front = -1;	
	max = .1; 4	
-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	prints ("\n') d was dilted! \n'', e),	
-	suturn e	
	y y	
	void display () of	
	int i	+
-	ib (bont:-1) of	
-	frint E("\n Empty hist!"),	
	roturn; 3	111
	i: front;	
	if (bront <= near) of	+
	print f("In In");	
	while (i <= 900x) printf("\$ 7.d", arr[i++]);	47.4
	prints ("\n"); 3	
	else of	
	printf("\n\n");	
	While (i <= max-1) printl(", J" afx[i+1]);	L
	is 0:	
	while(i <= year) printf(" / d", ary[i=+]);	
	printf('\n') 43	
	O/P:	
	1. insert	
	· duto	
	- Display	
	· Exi!	and the
3	ter Choice: 1	
		1 - 1 - 1 M. I
	1.1.4	11 3,
3.	Dishing	
,		1

