9. WAP implementing insert, delete & display operation of circular quene: The state of the state of # include 2 adio.b > # define MAX 5 int equeue - arr [MAX], int front = 0; it tends . I and int rear = -1; int count = o; int insert (int item) interior liver if (count == MAX) 3 person Printf (4Quere overfrow!!! 154); seturn; sear; (ver +1) y. MAX; equene - are (rear): item; count - count+1; return; vid deletion 9 if (count = 20) Peint ("Querre underflow ! 1 (p));

```
Elne
Print (a clement deleted from queue is v.d/s",
      cqueire - aer [front]),
front, (front +1)). MAX;
 Count , count -1,
void display ()
intilli,
y (count = =0)
 print f ("circular quene is empty 104);
 Paint f ("Elements in the circular quene arr: 103
 j, front,
 for (i, o; ix count; iff)
 paint b (4xdlt4, cquene - arrlj]);
 J (j+1)). MAXT
 intrain ()
int choice, item
```

```
Printy ("* * * CIRCULAR QUEUE & words)
 Print f ("MIInsertinols),
 Pernet ("d. Deletion 104);
 Peint f [93. Display 10"];
 Perntf (19. Quit 104);
 Paint f !" center your choice:"/;
Smitels (choice)
  Carel'.
                                          Insertion");
  Paint & (" Enter the Element for
  San f (4xd9, 4 item);
  insut (item);
  break,
  cald!
      deletion 1)
      break j
   (aves;
      display ()?
      break,
   læde 9'.
beekj
    default! point & (9 woons chourts 4),
```

hile (choice[, 4);

return 0;