```
CENTIAC P
                                             1BM19(5/92
                    -ALOK Kumar Rastogi
                                                 Weiled Corte:
HIgorithm. for circular queue.
-> To insert au element.
  IF (( Rear +1 ) % Max = front)
      Print (overtion)
                               setup year Learning
       exit
   it (Front = -1 28 Rear = -1)
                          enr = = Mixszzr = 1)
     else it & Rear = MAX-1 88 Front 1=0)
        set Rear = 0
                                     Talian Falias
       PISE
           Rear = (lear + 1) . J. MAX
                                               3 1 1 frams 30
                         ( more < trong vo a = trang)
        Queux [ Reor ] = Valor.
                                    getuin muc.
       exit
- To delete au element
    it ( Front = -1)
                                          enquere ( not dota)
        print ("Understow")
                                        ( o to tout ())
                                       reum 93
         exit
     Val = Queue [Front]
     It ( front = Rear )
       Front = MAR=-1
      else"
         Front = Front +1
      exit
```

Program-5

Date- 19/20/2020

```
To display
 display ()
 €,-
      Front Pos = Front, reas poss = rear;
     it ( Front == -1)
        · pmn+ ( Queue is empty)
         exit
       Print ( Queue Elements :)
        1 & C Front-pos <= reor-pos)
            while ( front-pos L = reor-pos)
                      ( queue [ front-pos])
                 Front- post+
            enes
                 while ( Front-pos < = MAX-1)
                   Print ( queue - arr [front Pos]).
                  Front pas ++ .
                  front-pos = 0;
                  while (front-pos L= rear_pos)
                       Print ( cqueue = arr [trant-pes]);
                    Front - POS ++
                   & exit.
```