Student stack

logic of stack will not change only angument/attributes of take class of student as it is too stack element. stack will change.

anano #

thenter elements get added at end Twill point to element I add to Hinst element ordered 204 ans [5] 0 9 elements get Sit L -paular

which came recentry

code logic

removed From Prontend

public static wid main

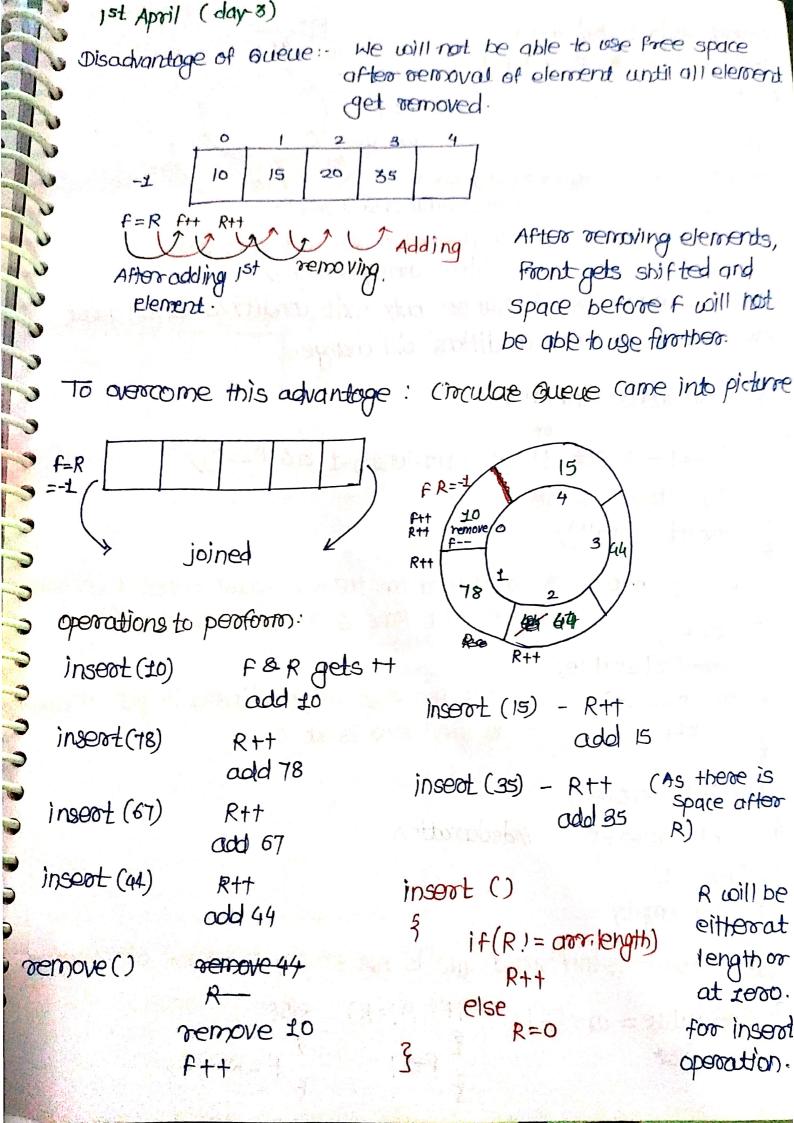
20 trop

wanta put element, (10) . First of all, F & R are we take pointing to -1.

tell element, enter queue 8 place where you meet increment R,

stop stop - ttR Anst wannal put another (20) then add so at R.

```
Public closs Queue
    3
            int [] am;
            int F;
           int R;
       public Queue ()
           am = new int [s];
           F = -1;
           R = -1;
     public void insert (introdue)
                                      // To add element in
        If (R < arrivength-1) //Full cond
                                         oue queue.
                                           push operation.
          aro[R] = value;
          if (f==-1)
     public void intremove ()
                                   // To remove element from
    q if (f=1=0-1). )f(f !=-1){
                                  Queue
                                         pop operation
       value = gro [F];
       F# 1 (f!=R)
                                   Main {
                 Ft+;
                                        Quique al = new gueue ();
                                         91. insert(20);
             ' F=R=-I;
                                        ·Q_ .
        return value;
        * else
                SOP - (" Queue isempty);
to string
                                       else
            stoly ste = " ";
                                          for (inti=F; ix=R; i++)
          if (F==-I) ste="gue is empty"
                                          ? ste = arr[1]+",";
```



```
Arroy gets fulled when
 ther will be R P Political
 by P
                             1-0--1
                                 600
 Full
  -R +1 == F // Here Is Fafter R
                       (In circulate Assert) Res
 apermar Abferd
      arr length 1 / Fis at start & Ris at end of array
                       [ Ideal array shalight)
 code is some as of Queue only exit anditions & full queue
 pus Insent, remove conditions will change.
 Public void insert (intralue)
   if ( R+1 == f 88 | | (R == arm: length-1 88 f == 0))
   # full condition the cqueue
    sysout (Full);
  else 11 now it is confirmed that there is space to insert available
                so increment Rome & put value over R.
     R++ ;
     ono [R] = value;
    IF (F==-1) // If it is the first value to insert in que, income
                     f as well who is at -1.
public intremove ()
    int value = 0; //declaration
if (F==-1)
    que empty
else Il now it is confirmed que is not empty so bemove first value.
                           if(P = R) else
  ist value = arr [F]:
 in far
```

day-4 and April (exten lecture) DQueue : double ended Queue In double ended queue, we can insent and remove element from both the ends. remove for From P. insert Fr I from F 900 insert: Rtt demove: contents :-10 34 126 45 26 Full F = 0 R = 1 length -1 While insently :- From front if Que may be full // can't insent Empty ii) Que is empty //add at 1st position , iii) f is not at 'O' index so decrement and add so now, to at at front. so now, to at at front, shift-all values 1 & space later & add-at first. each & ore wandade The large contract and suit to be sent to be got a few

to grate as at lanc substance from box extensions of in

indice and one "operator" but it in the