Eusertion & deletion of accept [1,5,3] -> [1,3,3], deletes

A) In the end $N=6 \left[15,13,12,13,10,--- \right]$ October $N=5 \left[1,5,13,12,13 \right]$

N

b) In the beginning

N=6

[1,5,3,2,3,10,...]

II, delete

[5,3,2,3,10]

arr[1] = arr[0]

arr[0] = 0;

f N=0

return N;

c) At any given index delete = i & [0, 10-1] shift left (deletion)

Insert 21 N=7 [1,5,3,2,3,10,21]

> N=6 (1,5,3,2,3,10,---) Un Juseu 4 [4,1,5,3,2,3,10)

```
(S), (I), (S), (8) > subsecrays of size 1 (5)
Jun 146m 0 1.0.00
                                                                       Day-01
                                                                  Day-U
      > Injertion & Deletion in an Array
        import java-util-scaunur,
    clase classax
            public static void display (int [] arrhint 10) &
               for (int, i=0; i'\N', i'++) \
                             S.o. ph ( arrti1+" ");
                                                                                                                             2.0.pln 14 m);
      public static void main (stringe) arge) 2
          Reanner cc = new Seauner (System. in);
           int arrij = new int[100];
                ent N=sc.nextInt();
             for (int i=0", 12 m) 204
                                                                                                       arreti)=sc-nextIn+();
                                                                                     N = delete_from_end(arr, N);
                 display (arr, 14);
                                                                                          desplay (arm, N);
             11 Delete from end
                       けんハン=1)と
                           Hamilton Maria Contraction of the Marian of 
                        arr[N-1]=0;
                  1/ Insert 15 in the end
                          250017 W 15:
                                                                                                                          att intille.
                               arr[N]=15;
                                       N++;
  >> partie static ent ensert_at_end (int [7 arr, int N, int val) (
 138 (N2 7100) of
                            arr[n)=val;
                                  reteurn N41;
 public static int deleti-at-end-lint[larr, Put N) &
                                    arr[N-1]=0;
                                                return N-1;
                                  olie, return M;
```

```
public static put deleti-from-beginning (Putt) our, int N) ?
                    if ( N ==0)
                                                                                           HONTA IN THE WAR TO STATE OF
                              return Ny
                                                                                                   Table of the state of the state
                   for lint i=0; i+12 m; r++1 d
                                         arr[i]-arr[e+1];
                                                                                               Sector in the State of their
                            Carl 10-17-0?
                                                                                           return N-13
                                                                                                              public static put juseit_at_beginning (intel arr, Ent N, int val) e
                       if (N==arr-leugth)
                                return N.
                                                                                                   Allowof I train of The Their
                                                                                                         210 fortedx various -da fist
                      for (int =1, i/u) i++)?
                                                                                                  (1-17) 1.10 37
                            arr [i] = arr [i-1];
                                                                                              "I J tratification of the state of the
                      aur col= val;
                                                                                                                   i Charry CHERLIES
                         return N+13
                                                                                                              ACA STRAIR STRAIN STAN
           public state int deleti-at-index (int[) our, int N, int id) é
              if (N==0)
                       return N;
                 (12 (24 20 11 Ed>= N)
                                                                                                 ADJUST NI ZI WADATA
                               return N';
                                                                                                               Y Cours Andrews
               for (int = id) (+11 N), i++) {
                                                                                                          arr [i] = arr [i+1];
                        yn and itte its had how to the other, the sinote it was :
                       OUT ([N-1]=0;
        public static sut susert_at_endex (sutil our, sut n), ent éd,
                       efin==arr.length)
                                        return N;
                             (4/2011 i>N)
                    for (int i=10) i=10+13 i(=10) i+4)?
                                  arr[i]=arr[i-1];
                                                                                                    armed J-val;
```

return Netv, y

hods

ays.