```
M. Chandrohas
                                                             API9 110010636 (CSE-F)
1) # include (Stdion)
                                       # include (Stoich)
   # include (Stollib.n)
                                       # include (Italis h)
    Struct node &
                                       Struct Name of
    Street Node & red:
                                           it dolla:
    3:
                                           Street Needs rend.
    Strid rade * head;
    void Insert ( int data, int n) {
                                       void Print life (Struct nade * head)
    Node * temp = new a node ();
      ; alob = alob c frat
                                          Print("r.d", (Per-dota);
                                          : tran c- reg = reg
      temp -> rent = nevel;
                                          Profit (" well (n");
      14 (0==1) &
         temp -> went = head;
                                       void Push ( extruct rade + head, int data)
         head = Senf;
                                         Ether trace * Hew = Street rade * mallar
          return;
                                                                    (Size of Ethant):
      void Doleke = ( LA K) {
                                           Men -> dote = dota:
      Struct Nade * Lenp = head;
                                           new -> never = Me Lever :
      ib ( k = = 1) 2
                                               of herd = new;
      tend = temp -> herd;
                                       Struct now * merge ( Struct now * a,
      free (land);
                                                              Strict rode # 0)
          solve :
                                       £
                                           Struct Noos Demp;
      Nade K temp = head;
      for (inti=0; icn-2, i+1) {
                                            : And & = light & soon touch?
        temp: trap of ment;
                                            temp. nerd = null;
     tent > rend = temp > rend;
                                            while (1) (
                                                 ib (a = = News)
      temp > rend = temp;
                                                    tool -> hert = 6;
      void Print ();
                                                    · Wrenk;
      tor (inti =0 ) ick -2, i++)
      temp = temp -> next;
                                                  cle is ( to = North)
      free (Suns);
                                                     this -> never = a :
   int main () of
                                                      break;
   int n, nik;
                                                 Olle:
   head - Null;
                                                     toil -> never - q:
   front f ("entr the Position");
                                                       Doin = 0:
  Sconf (" y, a " dn);
                                                       a = a -> nent ,
  Scon F ("Y.a", 1x);
                                                       loil -> rent = 0;
  Irland (M, M):
                                                  3
  Brint 12 (" out of the Balo delete");
   See a DE COLLEGE ROLLING
                                            retion fake new !
  Som f("nd",dk);
  polete (1);
                                       Void moint
  Print (n)
                                           int keys [] = {1,2,3,4,5,6,7}
   return;
                                           int n = Size of ( Keys) ( Siz
```

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glower needs to a well, to - wall;
3) 4 include ( soldie, h)
  int dont -1
                                             for(i= n-2; i = =0; i= i-2)
  int x;
                                             Push ( & b, Key [ i ])!
   Chot shock [100];
                                              struct rock theod: muge (a, b);
   void Pull (inf vi):
                                              Print sill (head);
   char for (1;
   ind main ()
                                          4) I include allow h)
                                             # define lige 10
      int i, n, a, 1, k, f, Sun =0, conting
                                            void inland (int):
      Brank (" enter no of clonerte");
                                             vold delete();
                                             int averal(10), +=-1, Y=-1;
      Scont ("r.o, & n);
      forliso; (cn; i++){
                                             void moin ()
        Brint F ("enter next element")
                                             int volue, chaine;
          Scort (" y. d", fa);
                                             while ()
         Push (a):
                                             Print + ("In menuin");
      Printf ("enter the Sum locket);
                                              Frint + (" 1. Intertion in ). Deletion in . }
      Crant("1.0", 14):
                                                       3. Reverse (n 4. Allernote")
      tor Cizo; icn: i++) {
                                              Rosert F(" In Enter Closino, "1.
         1= Pal ();
                                              Scor [ (". 1. d", + choice);
       ; es mus
                                              Switch (charice)
         court + = 11/
         1F(Sum = = K) (
                                                cose 1: Pratt ("enter the war");
         for ( Int i=0; 5 cont; 5++)
                                                      Par f (" 1.d", & value):
         Print+("1.0", Stack(3));
                                                       inlet (volum);
         F=1
                                                       break;
         Dreak ?
                                                colez: delexe ():
                                                       week;
        Puln
                                                 cole 3: Right F (" Revente of vorteg!");
     iP(1=1)
     Print ("corners in stock don't add
                                                        for(i = size; i== ); i = )
                                                          if ( cueresci) = =0
   Void Pulh (intr)
                                                          aniluos
                                                           Paint (" 10 " averali) i
   : P( JoP == 99)
     print F("In Stack is fut! In")
                                                        weat;
    return;
                                                 coley; Print + ("onables clerent):
                                                         for(1=0; 1 esize: (+= 2)
   top = dop +1)
    [tot] trots
                                                           it (auere (i) = -0)
                                                            contine;
   chot Pap ()
                                                          Brink+ (" 1, d' anema (i)):
    : F (Slock CTOP) = = -1)
    n= stack (dos);
                                                        weak
   Jap = Jap -1;
                                                 coles: evil (a);
    relien n;
                                                 debout 1 Brank ("wrong Selection
```

4) 33 a (alou til) thele I have (1) # ireland (Ildes . h > 16 (16 = = 0 & d 4 = = 13/22 = 3) 11 # include (eldlie . h > F==4+17 struct voce print H" (on Ques is fuely) int doto: elle h Stred nowet pert: il (+= --1) f -05 for loved Macon Britis) also being Y = (Y + 1) -1 8 432 ; Queux CV] = voes; ind new - dolos) Paris + (" (o " wherling Trunsle")) 到 Etrud naces pen - nade = (Short nade *) void dulote) malloe (lise of extruct) ib(+===11 ; blob - node : olds : rew - dols; probable "(") of querois emps."). her - made . I here't - (head - rob): ollo * head - sub - noce - noce print (" In selde: y.d" aver(5)); 3 void pint liet (litruit mode & Level F = (f+1) -/, lase; F = 4 = -1 ; but = find to mark = head; while (temp! = Null) · (otolo (- and , "b.") & hirry Jens = Jens - rert. Prut (" | n.") i) the mojor difference entruen procon and linked liet is about their atrudure. Arroys is one ensure hased data structure where each element observated with on invent on the other hand wished this balais on reference to the Cremient and went clement.