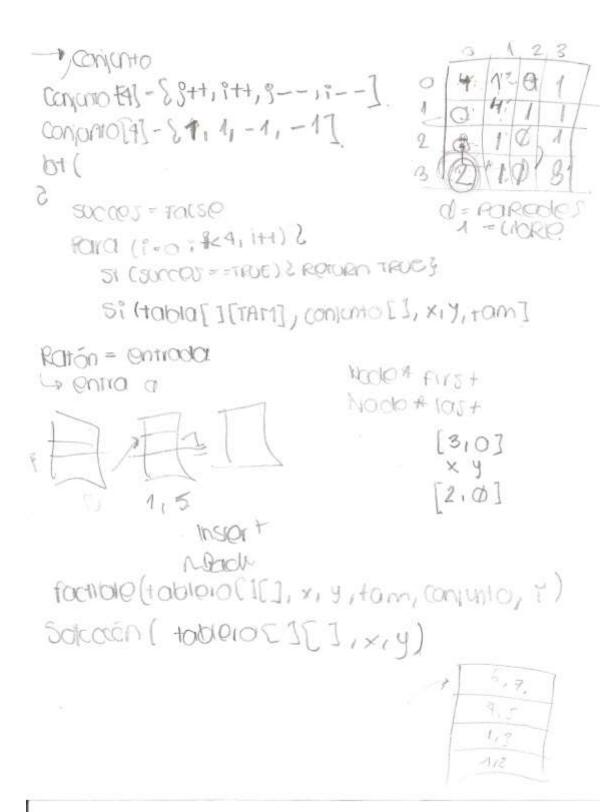
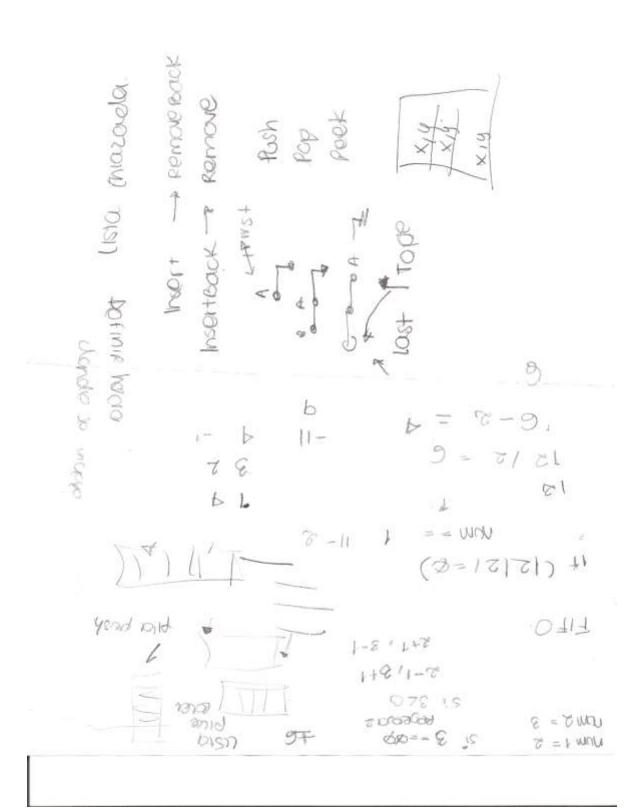
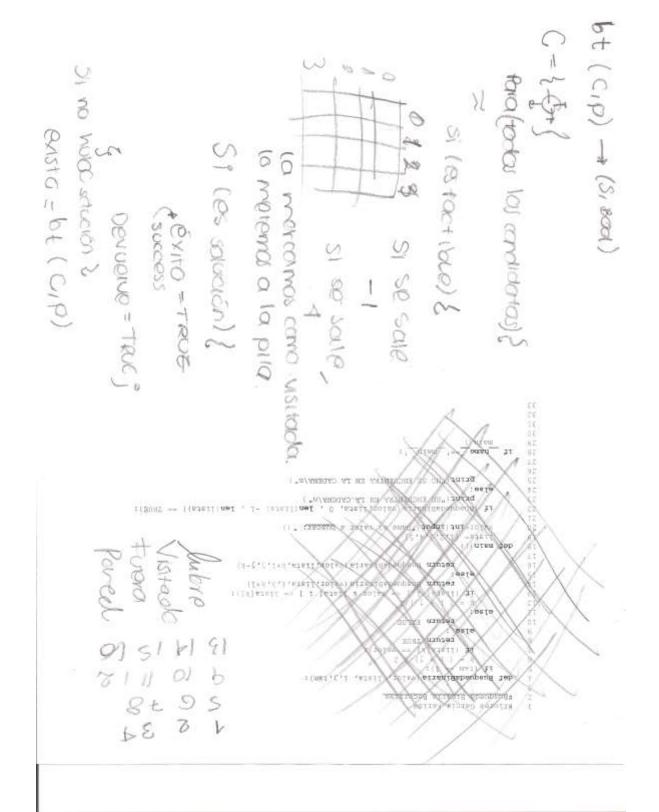
```
SUCCES = FOLSE
            # = UDR8
2 = 800000 Parci (0000 candidato
8 = 501000 Parci (0000 candidato
8n c) $
4 = vioitado. Si(succes = +teue))
                                    ERQIORN TRUE)
  1 - FIRS [712]
                                51 @ factione &
  \hat{J} = ColumnQS.
                       5P el candidato 1=0
Para j# Camba
                        si pi candidata 6 = 2
   if (+00101[-1]]=30)
                       Si pi candidata 1 = 4
                           Ester condidoro [7][]
  PORT MOVERSE
                              St 170 + 170
  Ratón: [3][0]
                              5i i
 Table [1][10 topoli] 4
                                           2,3
                Inspiriont
                                                   : 77
            printf("El valor NO se encuentra. /n");
                                                   : 27
                                           } as Ta
                                                   : 17
         :01
                                                   :68
                                                   :85
         1 25
```

```
78
78
82
83
84
88
88
88
88
89
90
81
90
90
91
100
110
121
103
            else
                      this -> last -> next = nr
                      n -> prev = this -> last;
this -> last = n;
this -> last -> next = this -> firsy;
                      this -> first -> prev = this -> lasf)
            return TRUES
                                                                                                              -leia
       Bool DLL BemoveBack (DLL 'this, int 's, int 'y)
                                                                                                   7 NO
            if (this -> first != this -> Last) //2 o + Magina
                                                                                                   Colomolo.
                                                                                        -3 G
                 *y = this -> last -> Coord_y:
*x = this -> Last -> Coord_s:
                                                                                       y = columno
                 Node *tmp = this -> last -> prev:
                 deleteHode (this -> last);
104
                 this -> last = tmp;
this -> last -> next = this -> first;
this -> first -> prev = this -> last;
                 return TRUE;
            else if (this -> empty -- WALSE) // Dn Nodo
                 tm = this +> last -> Coord_s/
                 'y = this -> last -> Coord y;
disleteRods (this -> Last);
this -> first - this -> last = NULL;
this -> empty = TRUS;
                                                                                         013
                 return TRUE;
            else (return FALSE;)
121
123
124
125
       Bool Factible (int tablecoll TAMI, int x, int y, int tam, int Conjunto[], int il
            printf "\nr un factible | d", 11; //control = 2
127
                pringf [Win] inpac: [4*, 1];
if | [x+Conjunto[i] >= 0 | 6 (x + Conjunto[i] <= tang)
                     if((y >= 0) + (y <= tan))
                  - y j = hablero[x+Conjunto[1]][y];
                                                                                 0=1
                           1f() (= 0)
                                if [] !- 3]
                                    if ( ) != 4)
142
143
144
                                         return TRUE;
                                    else (return FALSE))
145
                                else (return FALSE))
                           else (return FALSE)) //ISICSIG
                      | //semoda
else(return FALUE:)
```

```
Laborimo (tablao, emioda, salida, pia)
2
    51 (emiada 200 7 emiada < 4) ¿
     or (salidazo y salida 24) ¿
     ISO CROOT LO LISTON (MIPILO)
     Bool Res = bt(
      If (RES =TRUE) &
      06-500 ( ); 5
    Print (NO HOD SOLDOTON) }
                    (Cholipicke)
Driver Program
 entrada [2][3]
 solida [1][1]
NORTO Y SOR SO MUDIE ON COLON
OQTE TETE SE MURUE EN FILOS.
                          entrada = (x13).
NORTH = tobia [i][i++]
                            (pps ?
1000 = +0010 [1][1-]
                           10002 B
Ceste = tatba [i-][i] canjunto
ESTE = [tabla[itt][j]] | NORTE/ESTE/SCRICESTES
```







```
-> BOCKTRO CKING
bt (G[], Table10[][], X191tam
       SUCCESS = FOLSP
  para (i=d; i<tom, i++)
    Si (Factide (table 10[]] ] x y item, conjuntation; i) ==
           TRUE )
      - SP 1==1 OR 1==3. NORTO TSUR.
      P = = CYJ[["3 Otrumo +x] orgidot
       POSH [toblero[x+conjuno[i][[Y]])
      __ Sino si n==2 or i=4.
      bozy (40p160 Ex) [1 + coulano E.I])
ROGISTRO + TOLDERO [x][T+CONJUNTO CI] = 4
     * PORT JOUCIEN *
       58 (==1 OR P==3) 6
          5° ( Edución ( tablero [x1(a)mori](y) = =TRUE )
             30000015 = TROF
               RRIVER =TRUE
       elso if (1== 2 OR 1== A)
          s. (soloción (taloideo [x] [ttanjunto[i] = +nex)
               2000022 10CE
```

+able10[x][g] = 4 -> +able10[2][d] = 4 DCL 1060+ (this 1 ×19) -> (050+ (210)

L

```
if |Esdolucion(tablero,x,y)=TRDE| // CASO NASE
                             printf("\neptex case solution"): // constant
                             success - TRUE:
                             return TRUE:
                        nlso
                             printf:"\n\nEutra al #1## de fac" |:
                            printf("inivalumento de 1: [d", i];
succesa = BackTracking(thie, Conjunto, tablero, x, y, tam,1);
if(auccesa == FALSE)
                                  DLL BemoveBack (this, XX_14Y): tableco(X)[Y] = tableco(X)[Y];
                                                si // = 1 i=3 columna
                                                            1 = x + convince = 0+1
                    else: //1 01 2 0 4
                        y = y + Conjunto(i);
                       babbergraffyl = 4)
                         DLL_Insert | this, K, YII
                                                                                       +ablero[3][1]=9
                         if [BaSolycien(Cablero, E, y] = IBUE] // CASO BASE
                                                                                       MSOHO (311)
                        tableofixin =4
                             return THUE:
                                                                              P 100190 1 311
                         6160
                             printf("\n\taumoss, de 12: "d", 1);
success = BackTracking(this, Conjunto, tablero, x, y, tam, n);
                             if(success - FALRE)
                                  BLL_RemoveBack | this, wx, wx);
tablero(x)[y] = tablero(x)[y];
               //clse
// if factible
276
277
277
279
279
           1 //if del :
           return (Uscess)
281
281
282
       Sool (aberinte (DLE" this, int Conjunte (), int table co () [TEM], int w. int y. int tam!
           marker bestitute that the latter into "11
283
284
          Scrieber Transport St. Comp.
287
287
289
289
290
291
                                                                                     7 = Ø
          if((x >= 0) \land (x < x tant)
                CLICLOTEL OF HOW YT:
             \mathbf{if}((y \rightarrow 0) + (y \leftarrow \tan))
                 * Crea al cominate solution

**Bool res;
                    res = BackTracking (this, Conjunto, tablero, x, y, tan, (); printf("Vegniza a back"); if(res = TRUE)
                        return TRUE:
                    else (return FALSE)
304
```

```
"==1 11 = 3. x=3 y=0
              //ceturn FALSE:
printf("\nI par: Nd", 1()
if(Nd No 0) 4 (n <- tam))
159
160
161
162
163
164
                      \inf_{j=\text{tableto}(x)[y*Conjunto[i])} j = +ODIO[O[x][Y+Onuno[i]]
                  if(y+Conjunto[i] \Rightarrow 0) \in \{y+Conjunto[i] \leftarrow tan()\}
                                                             +able(0[3][1]-1
                     15(5 (- 0)
                          12(5 to 3)
                               if | 1 = 4)
                                   return TRUE:
                               else (return PALSE)
                           else (return FALSE:)
                      else (return FALSE:) //tercers
                   else return FALSE:
             else return FALSE;) // primer if
164
185
196
187
188
                                                             +ap1610 =
      Bool EsSolucion(int tablero[][TAM],int s, int y)
190
                                                                x=3 y=1
          int ) = tablero(n||y|;
int smlide = tablero(3||3); = $
printf("\n\nte malide es : 6d", salide);
                                                               j = +abiera (8) (1) = 1
104
          if () - salida) - o
196
               return THUE;
198
       ⊳ else
199
            return FALSE;
      Bool BackTracking (DLL* this, int Conjunto[], int tablero[](TAN), int s, int y, int tam,
      int i)
                                                                  X=3 4=0
          int X, Y; $
207
                                                                      (= 0
           success - FALSE?
210
          paint "Nopesta Pascurate 1d". 1))
priot "Notice a Machinitade");
priot "us id ".k"/
priot "No wa id"/ y);
                                                                      tam=4
213 print ( ) = (0 1) + ( < 4)
                                                        9-4
          if (1 < tam)
               if (auctess == TRUE) (return PRUE))
               orimiti*(RES valor de er ed*, 1)/ Alesebrat

17(Factable (Lablaco, x, y, tan, Conjunto.) (-TRUE) - 100000/3/0/4/0/0
                prints("\n\nchrrie con fag");
if(1-1)) (-2)
                                                         4+1000001316141C11
                       z = x + Conjunto[i]:
```