1) de [i] [i] [k] = max sum of common subsequence in one array from 1 to i elements & in 2nd array from 1 to i elements with partial

sum (= -1,01)

2) soin => docinicinico]:

3) Recoursence from 13 Page

```
dp[i][i][o]:-
  1) dp [:-] [:-] [:] + A[:-1]
           where A [i-1] = = B [i-1]
 2) man. (dp. (i-1] [j] [o], dp [i] [j-1] [o],
         dp[i-1][j-1][2]+
         11 dp [i-1] [i-1] [2] 1=091:0) *A(i-1])
             Where ACI-17-BCJ-17==1
3) man (dp[i-1][i][o], dp[i][i-1][o], dp[i-1][i-1]
        + ((dpCi-jCj-1)[i]!=071:0)* A[i-i]1)
                  where ACi-j - BCj-17 == -1
4) man (dp Ci-1] [i][o], dp [i][i-1][o])
        where A[i-1] - B[j-1] == 2
             67
Arj-17 - Brj-17 > (2)
```

5) man (dp[i-1][j][0], dp[i][j-1][0])

where A[i-1]-B[i-1]==-2

A[j-1]-B[i-1] > 12)

```
dp[i][j][i]:
```

1) dp Ci-1] Cj-1] Cl] + ((dp Ci-1) [j-1) [l] 1=0?1:0) * A [i-1]] = B Cj-1]

2) de man (dp[i-1][i][i], dp [i][i]-1][i]),
dp[i-1][i][o] + A [i-1])

where A [i-1] - B [i-1] = = 1

3> max (dp [i-1] [i] [i] dp [i) [i-1] [i])

Where A [i-1] - B [j-1] ==-1

A [i-] - B [j-1] > 121

4> man (dp [i-i] ci][], dp (i) [j-i] [i], dp[i-i][j-i][2]+

(|dp [i-i] [j-i] [2] !=0?!:0) * A [i-i]))

where Aci-1] - B[j-1] = 2

man (dp [i-1] [i] [ci] (dp [i] [i] [i])

where A[i-1] - Bcj-1] == -2

OD

A[i-1] - Bcj-1] > 121

de Cio Cio C2]:-

(1) dp [:-1][:-1][2] + ((dp[:-1][:-1][:-1][:-1]) + A(:-1))

where A(:-1] == B[:-1]

2) man (dp[i-1][i][2], dp[i][i]-1][2])
. where A[i-1]-B[j-1]==21

(00) A[i-1]-B[j-1] > |21

3) max (dp[i-1][i](2), dp[i][i-1][2], dp[i-1][i-1][0] + A[i-1]) where A[i-1]-B[i-1]==-1

4) man (dp [i-1] [i][2], dp [i] [j-1][2])

where A[i-1] - B[j-1] = = 2 A(i-1) - B(j-1] > 121

5) man (dp [i-1][i][c2], dp [i][i-1][i-1][i-1][i-1][i] + ((dp [i-1] [j-1] [i] !0 ?1:0) * A[i-1])) Where A[i-1] - B[j-1] == -2