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Day-3 Lectode 2529 Maximum Count of positive
                             Integer and Negative Integer
  Code .
          def maximum count ( nums):
              neg-rount = sum (1 for x in nums if xxo)
TE OIN)
              pos-count = Sum ( + for x in nums if 2(50)
               netwin max (neg-count pos-count)
   . Using Browy Search.
        det maximum count (nums):
      neg-count = biscet_left (nums, 0)
              pos-count = len(nums) - bisect - right (nums, 0)
              Hetuin max (neg-count, pos-count)
         # Of publing.
# Ninja's Thaining -
                              -> Doy-0
                                  Total: 61
                                   But we can get to => 110
                Activity:
                                                   Loo
 · Thy all possible works
           Remaision -> Expuess in found index
                                                  Te = 0( NX4) Y3
                                                  Se = O(N) + O(NX4)
                      -) do stuff
     f (day, last) {
        if ( and = = 0) }
                      11 Base case
           for (1=0 ->2)
           if (il=last
          maxi = max (maxi, task [ö][i])
           thereny moxi; != -1) therein dp
            for (1:0 +2) {
    if (i!=last)
                     points = tack [doys][i] + fiday-1, i
```

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more = mox ( moxi, points);
     s applied =
  Herwing moxi;
 Tabulation -> declare dp array (it dp [ n] [4];
   dptosloj = mox (orriosles), arriosles)
    dp[o][1] = mex(ar[o][o], orr[o][1]) 8.C = O(NX4)
    dploj12] = max (asr [o] to] ,arr[o][1])
    aptoss 31 = max arriossos, arriossos, arriossos)
       for (doy=1 ~n-1)
             } if ( task ! = lost-) {
                     int point = point [day][risk] + aptday-1][risk]:
                     dpldoylllostj = max (dpldoylllast], point);
           nerwy dpin-1113]
# Space Optimizeron.
     + if (task ! = last) {
          femplost] = mex (temp[lost], point [doy][ task] + prev[task]);
         puro: temp long yourgeness for was that manifest
     Hormed boom.
  Maxe problem!
     0 -1 0 f (1), j) { (1), j) { (1), j) { (2000 88 j = 20) 40mm tis
                      17 (100 11 j 00) quano;
    for unique >
                        up = f(i-1,j)
                       left = f(i, i-1)
                         Howy up+left; }
```

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Adultion of one now base case:
  fruit (is=0 &8 js=0 &6 applij ==-1) 40 km 0;
         if ( i = = 0 && j = = 0) seewer 1;
         if (dpicifij!===) Meturn o;
if (dpicifij!====) Meturn dplijljj;
up=f(i-1,j)
          Jett = f((,)-1)
    Memorization:
    Tabulation:
           for (1:0 -1 m-1) }
               elec: ir (iso) up = dp1(-11111;
                       If (1>0) left = dplij [1-1]
                      Metwin left + eight;
# Pooblem Menumum path sum in Turongular quid
       1 -> Stowing point a
       23 fixed
                               There are four yecourence point
                                   0 0 0
      -> Represent (i,j)
      - Explore all paths ( D) So there we will short from Starting point which is forced
      of Minimum of all path distination (n-1)
                 f(i,j) { 1/13451 case if (1==n-1) notwen aln-1][j];
                      q: alijij + f(1+1) ;
```

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As there is overlopping problem's Sections
Hemoixchon .
   ficis) }
       ip (i==n-1) nown aln=1][]];
                                          Tic: (O(NXN)
        if (dplissis = -1) nown applissis;
                                           speolives)
d = alistj) + f((+1,5);
          dg = alitiss + f((+1 ,)+1);
           Metuni defisiss = min (d,dg)
Tabulahon Method in your hos proup to hear your shrott
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