3	Sour is not important, knowing How to reach the sour is important
	1) dp[] -> N 2) find dp[i], dp[2], dp[3] by basic observations
	3) Create a general formula. 4) Nouve con calculate dp[1]. dp[2] using loop and formula. 5) In most cases dp[n] will be our final answer. 2) In most cases dp[n] will be our final answer.
	Given an away a= L25-3, 50 that no 2 elevents are agrant
9	Find Maximum Sum Susset E12 3, 3, 4, 5, 6] (3,4), (3,4) 5) (3,4) 6) (2,3) (2,4) (2,5)
9	
9	choose a subset whose sum is max + its valid subset
4	建筑建筑地位的设计区域,在1980年,1980年,1980年,1980年,1980年,1980年,1980年

```
de C] = 2
  dp[1] = bust answer to question it size of array was 1
  dpc2J = if size was 2 away would be wike [?;-3]
       = 2 as -3 is small we reed max + no adjacent
            reducible that to and II person by it is not
    dp[2] = 2
 dp[3] = [2,-3,5] adjaunt
        ans con be {2,5] or {-3,5] or {2} or {3] or {5]
       we need max onswer so [2,5] =7
 dp[4] = {2, -3, 5, -8, 7} for siz=4 {2,-3,5,-8]
Let say we trow include -8 in dp [4]
       ap[4] = -8+ (we con't choose 5) 80 [23-3]
              = -8+ 8 best one from [23-3)]
                = -8+ dpc2)
             = a [4] + dp [2]
 if we ignore -8 we choose from [?)-3,5] then
           dp [4] = dp[3]
80 dpc4) = max ( dpc3) , -8+dpc2)
      dp[4] = max(dp[3]) a[4]+ dp[2])
      for size=i
       dp[i]= max [dp[i-1], a[i]+dp[i-2])
  Cr (8-, 2, 6-693 = (2) ab
        include 7 then dpcs)=7+dpc3)
             = a CS ) + dp C3)
        not include 7
       [4] ab = (2) ab
     timal and dpcs] = max (dpc4), acs] + dpc3])
```