

calculate number will nun just ome per coch emp.

P. II W. M. KILL

I wooden with oriver symprence Diff > 78 - S Return 1 Applicaches

1) Using 2 books ouch for energy point

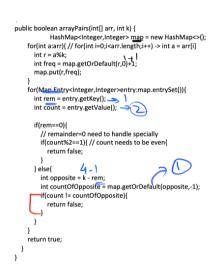
2) Sout + B.S \Rightarrow O(nlogn) $\frac{2}{5}$, $\frac{3}{5}$, $\frac{5}{5}$ BS to jind X = 2 + dif = 2 + 78 = 80L y = X - 21x logn

 $\sqrt{2}$ $\cot \Rightarrow \cap (n)$

5 Add to the set & compare 5 -> S+78= 83x 95-78 - -78K 10 -50+78 = 88x -- 10-78 --68x X-Y= Diff + arr [i] Dift > 1N = Aur [i] - Diff Auray Paises divisible by 12 71. 51.5=0 87 (1.5=1

4(9):(2) (Sum of pain should be divisible by K (K- Roy) 5 = 4+1 Solvidend-Divosor Quotient + Remainder $| = S \times O + 1$ Y = 5 × 0 (4) $.6 = 5 \times 1 + 1$ J → 2

(9,1), (4,6



5 10 1 2 3 4 5 6 (1) 2, 3, 4) 2, 6

K= 4

2: V2 3:1 0:1

h = 5.1.4 h = 5.1.4 h = 2

ony 1 is bossible

1= 4x0t/+3

5=4 x 1+1+3

Largest Subarray with SumO

15, -2, 2, -8, 1, 7, 10, 23

1) To use 2 bogs and generate all the possible subarrages. If any subsarray is found with O sun is store it's length

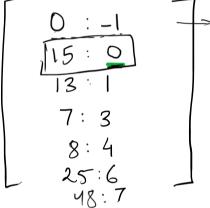
enturn the maximum length -2, 1, 2, 7, 15, 15, 23 X+0=X 15,-2, 2,-8,1,7,10,23

$$sum = 2-2 = 0$$

 $en = (0, 1 - (-1))$
 $= (0, 2)$



Map < Sum, Index?



Equilibrium Index

2-11

