

Jongest Inc Subsy $\left(2^{-1}\right) = -\left(3-2\right)$ $\left(4-3\right)=2\left(3-2\right)$ [11213]

[1,2,3,4] (1,2,3) alteart (2(3,4)(1,2,3,4) 2,3,4,5 (1213,4,5 [1,2,3,4,5,6] 1 2 1 1 3 an [i] - an [i-i] == an [i-i] - an [i-z]

(i, i-1, i-2)
JOHN THE TARKSIDE

(1,2,3) (2,3,4) (2,3,4)

JOIN THE DARKSIDE

if (a[i]-a[i-i]|= a [i-1] - a [i-2] arithmtic Subancys endy 6 com me con attants ; 29 closet la all Subarrays energy at (i-i)

$$am \rightarrow \sum_{i=0}^{n-1} f(i)$$

 $\begin{cases} 0 & 1 & 3 & 3 \\ 0 & 11 & 2 & 3 \\ 10 & 11 & 2 & 3 \end{cases}$

(10,11,12) now roight (11,12,13,14)

(11,12,13) (12,13) (12,13) (10,11,12,13',14)

(10,11,12,13) (10,11,12,13)

atleast 3 L2, 4, 6, 8, 10] Demento [3,6,7,9] lending ati [2,4,6] (4,6,8) (2,4,6,8) (10, B, 6) (2, 4, 6, 8, 10) (4, 6, 8, 10) (10,6,2)

ending at aug under au Shore all the Subsequer (arithmetic & non-avithmetic) well a gener comm all the Subsequen diff or eny valu of i > < key, valu >

John The Darks Tole

Python > array of dict

15 > array of object

Java > array of hashmap

(++ > array of unorderd-mp

ams = 0 $\int or \left(i = 1 \right) i < n$ i + + $for (j=0), j<i;j+\tau)$ diff = am [i] - am [j] if (dplj). get (diff)) ans t= dp [j]-get (dyf). dp [i]. put (diff, dplj). get (diff)

3 JOIN THE DARKSIDI

am = 0 + 1

