colat is subset? without changing the relative order of elements, when 1/p array = [3,34,4, 12,5,2], sum = 9 you delete some or all of the elements => gives subset. [3,34,4,12,5,2]

[1 [34] [3] [5,34] (1 (4) (34) (34,4) (3,34) (3,34,47

- start from the last element.
- include that element in the running sum
or
or

Base conditions: - if (sum = = 0) return 1;

if(icollsum(o) return 0; elit (sum = = o) return d/p(i)(sum)=1)

class Solutional

public:

bool is Subsetlum (vector (int.

int  $n = \alpha_{N}$ . Size();

vector (vector(int))dk

return help (arr, sur

bool help (vector Cirt > 60

if (target = = 6) retu

> barr, int sum) d

(n, vector (int) (sum+1, -1));

n, n-1, dp), y

aro, int sum, int i, vector (vector (int)) (dp)

m!;

etimo;

ſ

if (i(0 11+arget 20) return deli) (+arget) = help

Lel

Jeji

New Section 5 Page 4

etum 0;

1) return of(i)flarget);

b(arr, sum-arr (i7, i-1, dp) 11

p (aro, sum, i-19 dp);

New Section 5 Page