I-ncapsulation -> tunction Combragon [oftipyte] 1) afer (1) 1) Qting Ctrifuster J Rucing Car 1 Dot apport

Perta Stout ure Substitute Epa-Clus

Spacial Methods -init-(); always called initalization -- Str. - (); return Str -- iter (); for in iterable: _ Contains _ () . (bittagn) in Ubject __ ald _ - (8/4, Mor), A a + b- [Sub - (Sub , alpor): (h = - 9 - C1 - (

Test (as Soft) Equal

3 numerator 2 denumerator

$$\frac{1}{3} + \frac{1}{6} = \frac{6+3}{6} = \frac{7}{18} = \frac{1}{2}$$

$$\frac{1}{2} = \frac{1}{18} = \frac{1}{18}$$

[3, 2, 1, 5, 6] a [idx] teget a Cid x] = vul

has -a tayTtorable HO(()

vironal (las) struct List 1 Ntorfect Cin £..

Poucedulto - spiritour 0 6 th () 6, 9 th () Functional programming testing methed formal methed

(cs)

Initial quess Chach is close to a solution, det 100 (24,0)

map (f. [1,], 3, 4] Shapor crown +(1)f(2) -> +(3)+(4) ->

H-els in one line

Toprosen 4 [conder ols [egrossio]

Tous



$$f(1) \rightarrow T$$
 (1, 7, 3, 4)
 $f(1) \rightarrow T$ (1, 2, 4)
 $f(2) \rightarrow T$
 $f(3) \rightarrow F$
 $f(4) \rightarrow T$

Goduce (+, [], 3, 4) (init) f(Init, 1) > Partial] + (pastall, 2)-> P, 2 $f(p^2, 3) \rightarrow R3$ (p3, y) -) (result

 $\frac{a}{A} = \frac{b}{A} = \frac{b}{A}$ f(int, a) -) P1 7 'a'; 14 f(pith) -> 12 2/4/1/6/1/ f (pt. a) sp3 2'a'; 2, (b'; 1) 9 'a'; 3, 151; 17 L'a'; 3, 6, 27 f'a'; 3, 16', 2, (c'; 1)