Week 2

← Week 2

~ Optimal Diet Problem, test case 106 **Sabyasachi Pradhan** Assignment: Programming Assignment 2 · 2 months ago I am stuck at Optimal Diet Problem, test case 106 is failing. Will appreciate if any one can help? Failed case #106/196: (Wrong answer) Input: 5 5 -77 71 15 49 -2 77 -71 37 89 95 31 88 62 16 -73 38 -47 6 -42 -68 59 79 26 -18 -92 14736 32998 7529 4667 27779 -87 87 -43 86 13 Your output: Bounded solution 28.740636175418803 0.0000000000000 0.000000000000000 345.898550724637687 0.0000000000000000 Correct output: Bounded solution 201.373283696327970000 440.398316605997990000 -0.0000000000000028854 -0.00000000000019457 513.268817204301060000 (Time used: 0.00/2.00, memory used: 9854976/536870912.) û Upvotes Reply Follow this discussion

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	Some tips in passing the assignm	ent after several trials.		
	1. You don't need simplex algorit	don't need simplex algorithm to pass the assignment.		
	2. Compute vertices using inequaminimum bound of each 'amoun all amounts less than 10 ^ 9.	•		
	3. Consider itertools.combination m equations out of m+n+1 equat			
	4. Consider passing by value for l	ist objects.		
	5. For no solution case in gaussia identify them when computing p		one/False. You can	
	6. When checking for feasible sol adding EPS.	utions, don't forget to consid	er numerical error	
	7. Also check if zero solution is fe solution.	asible and compare with orig	inal optimal	
	8. Check infinity solution by consolution.	dering right hand side of equ	alities of optimal	
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SUBFORUMS

ΑII

Assignment: Programming Assignment