Week 7 02506 Quiz Spring 2022

Consider an image

z							
5 -	7	1	2	2	4	1	
4	6	6	5	4	5	1	
3 +	5	2	6	4	4	2	
2 +	1	5	7	2	2	6	
1 +	2	4	3	6	7	7	
L		1			-	'	

and terrain-like curves z = f(x).

- 1. What is the cost of the line given by f(x) = 3?
- 2. What is the cost of the min-cost solution constrained by $\Delta_x=0$?
- 3. What is the cost of the min-cost solution constrained by $\Delta_x = 2$?

Submit your answers (this week, only integer numbers) in a text file with the first three lines formatted as below:

line_cost: 55
zero_cost: 55
two_cost: 55

display_name: AndersAnd