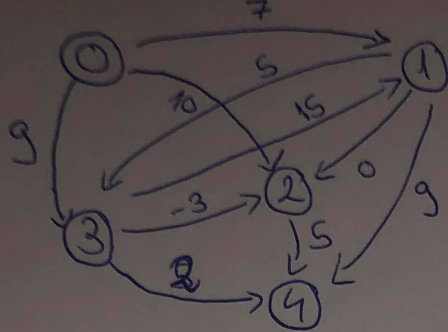


Manual execution



$$s = 0, t = 4$$

	changed	edge (x,y)	dist: list	prev: list																				
			<table><tr><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td>0</td><td>∞</td><td>∞</td><td>∞</td><td>∞</td></tr></table>	0	1	2	3	4	0	∞	∞	∞	∞	<table><tr><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td>-1</td><td>-1</td><td>-1</td><td>-1</td><td>-1</td></tr></table>	0	1	2	3	4	-1	-1	-1	-1	-1
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-1	-1	-1	-1	-1																				
initialization	true																							
iteration 1	false																							
	true	(0,1)	<table><tr><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td>0</td><td>7</td><td>∞</td><td>∞</td><td>∞</td></tr></table>	0	1	2	3	4	0	7	∞	∞	∞	<table><tr><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td>-1</td><td>0</td><td>-1</td><td>-1</td><td>-1</td></tr></table>	0	1	2	3	4	-1	0	-1	-1	-1
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	true	(0,2)	<table><tr><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td>0</td><td>7</td><td>10</td><td>∞</td><td>∞</td></tr></table>	0	1	2	3	4	0	7	10	∞	∞	<table><tr><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td>-1</td><td>0</td><td>0</td><td>-1</td><td>-1</td></tr></table>	0	1	2	3	4	-1	0	0	-1	-1
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The minimum cost is 11

The minimum cost walk = dist[4] = 11

t = 4, prev[4] = 3, prev[3] = 0 = s

walk: 0 → 3 → 4