Graph with
$$\overline{5}$$
 writers and $\underline{10}$ edges

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Core \bar{L} : other? a walk A=0, t=4

unitialization	.chauged itrue	edge (±, y)	dist_dist	prw_dictionary
iteration 1	false itrue itrue itrue itrue itrue itrue	(0,1) (0,2) (1,2) (1,3) (2,3) (2,4)	0 1 2 5 4 0 1 8 8 80 0 1 3 5 5	0 1 2 3 4
utiration &	false	(0,1) (0,2) (1,2) (1,3) (2,3) (2,4)	0 1 3 5 5	0012

=> stop

The minimum rost walk from 1=0 to it=3 has the rost = dist[4]=5 and is built backwards from prev_dist:

it=4, prev [4]=2, prev [2]=0=1 walk = $0 \xrightarrow{3} 2 \xrightarrow{2} 4$

 $3 \xrightarrow{3} 4$ $4 \xrightarrow{1} 1$

Case \overline{II} : there's no walk A = 4, t = 0

unitialization	chauged itrue	edge (±, y)	dist_dist 0 1 2 3 4 0 0 0 0 0	prw_distionary
iteration 1	false itrue itrue itrue itrue itrue false false	(4, 1) (1, 2) (1, 3) (2, 3) (2, 4) (3, 1) (3, 2) (3, 4)	0 1 2 3 4 1 3 4 1 3 4 1 3 8 1 3 8 5 1 3 8 5	0 1 2 3 4 4 1 1 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2 4 1 2
4 1	Jalor stop walk from a	(4,1) (1,2) (1,3) (2,3) (2,4) (3,4) (3,4) (3,4)	[1/13 R 5]	