



## Bellman-Ford Algorithm

	1	2	3	4	5	6	7	
Initially	$\infty$	$\infty$	$\infty$	$\infty$	$\infty$	$\infty$	$\infty$	
1	$\infty$	0.26	$\infty$	0.38	$\infty$	$\infty$	$\infty$	
2	$\infty$	0.26	$\infty$	0.38	0.73	$\infty$	0.6	
3	1.05	0.26	0.99	0.38	0.73	$\infty$	0.6	
4	1.05	0.26	0.99	0.38	0.73	1.51	0.6	
5	0.93	0.26	0.99	0.26	0.61	1.51	0.6	→ Final result.

In this case we get final result at 5th iteration due to the fact, the edge 6→4 does not create a cycle and is less the path is less than the initial weight.