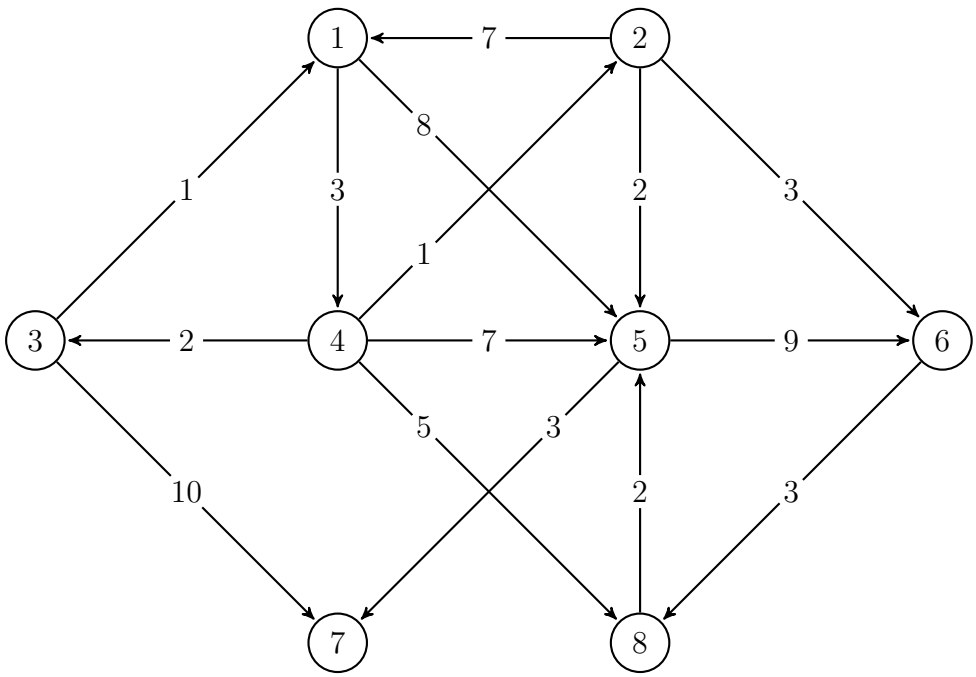
Data Structure and Algorithm

Quiz #7

Tuesday, April 23, 2013

Name : _____ **S**tudent ID : _____

Use Dijkstra's algorithm to find all the shortest paths from vertex 1. Please fill the table below.



selection	1	2	3	4	5	6	7	8
initial	0	∞	∞	$\boxed{3}$	8	∞	∞	∞
4	0	$\boxed{4}$	5	3	8	∞	∞	8
2	0	4		3				