	R_{an}
	report
	(1) with the 1
	(1) What type of graph would you use to
	model the problem input, and how would you
	construct this graph?
	An adjacency list where vertices are stored
	with a list of connected neighboars. I used a struct
	to store other information like color, direction a weight
	associated with each vertex. A vertex has a list
	of the neighbour vertices it's connected to. This
	allows for both directed & undirected smph
	implementations. This implementation was chosen
	due to the ease (complexity-wise) of finding
	& accessing neighbors of a vertex.
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