# CS140 - Group Assignment 9 <br> Due: Friday, March 29 at 10pm 


https://www.explainxkcd.com/wiki/index.php/1037:_Umwelt

1. Discuss this problems and/or any of the graph algorithms we've covered so far.
(a) Consider the following weighted, directed graph:

i. Is this a DAG (directed acyclic graph)?
ii. If you run a BFS starting from vertex C in what order do you visit the vertices? Assume adjacent vertices are returned in alphabetical order, i.e., would be added to the queue in alphabetical order.
iii. If you run Dijkstra's algorithm with source vertex $s$, what is the order in which vertices are removed from the priority queue? Break ties alphabetically.
2. We're almost $2 / 3$ rds of the way through the course.
(a) What has been the most challenging thing about this course?
(b) Are there any topics that you hope we'll cover in the remaining part of the course?
