Homework 12. a) Consider the example where we are tying to leach from @ a to capal the water The Proplem can be repropried as a and more so shows sun without adding any weight constant to it 6 the optimum distance is from a > b > a 3 ion Pickstrais alongthm to hise chorles + parts However adding 100 to it Q 95 D 102 From How however eif we ion Dijakra's 7779999999999 algorithm the distance would be a) b)c which is FALSE Thorotore the algorithm is wrong.

Homereeve 12 Problem 2 Implemented in "Optimal Meetup. cpp" Problem 3. in reach event of the to a and the west a) The problem our be represented as a graph problem as we an lemo have create a graph in which we store all possible locations that are udid is a 1. Then later on simply ion Pij Kstra's algorithm to find shortest path. that out phabba vaveants Fred William Mounty on A was 100 Dijakr abouting the distance would be as bot when a FALSE Majoriors the algorithm is woon