year which is a los (In) we had a desired out First of all, we take reading input function and tuhe inputs. It also creates an adjaconcy list gr. The algorithm applies dissituas algorithm. It initializes ar array dis to store the shortest distance. mn is used to stone pains (distance, node). It iterates when mm is not empty. Then it writes output in wout function, The main parts of the code calls rinp to nead values. After the finishing of algorithm, onverts distance into strings. Then it twaites output.

First of all. 1, (2)

First of all, it calls minp to read the input values. It apples distributed algorithm for both source mades mand noto find the shortest line. It initialities raviable to teach the meeting node and minimum time. It compares the maximum of the

two shortest times at each node and updates meet n and nint. Finally, It constructs the out tuple with the minimum time and meeting node and calls wort to writer the output.

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1) white and (31) - Davie Tom of combails First of all, it calls minp to nead input ralaes and construct adjacency list. It apples Dighston algorithm using adjourny list and the total number of nodes. It calls wout to write the result to the output file.

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