Task 1

This eade implements Diskstra's algorithm to find the shortest path in a form a specified source node in a weighted graph. Specified source node in a weighted graph. This code process graph data, and need a priority queue for distance from source node priority queue for distance from source node and upadate it as the traverse different and upadate it as the solution.

This case models a network scenardo and
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uses Dijkstras algorithm to calculate the
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specific it takes to reech each mode from two
lime it takes to reech each mode to obtain
Specified source modes. We need to obtain
a printify distance queue ton both alice and
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friend circle - with friend connected. We need a list find the size and royste metically we need to add and each two new lists when two pensons are to the length of the list will indicate the size of triend cincle.

minimum spanning three solve thin task of finding maintance cont. Edge approach in to notice thin task as it will connection between all modes with connections.