prim_binary_heap.cpp Documentation

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1 prim()

This function contains the implementation of the prims algorithm. It runs the algorithm on the input graph and stores the MST computed.

2 I/O specification

The graph is read from **RandomGraph.txt**, stored in the form of an adjacency list and the MST is written in **prim_time.txt**

3 Requirements and Execution

The system must have c++11 and boost libraries on the system.

To execute the code:
g++ -o0 -I <path to boost libraries> prim_binary_heap.cpp -o prim