

BFS sequence:

$$0 \rightarrow 1 \rightarrow 3 \rightarrow 5 \rightarrow 6 \rightarrow 7 \rightarrow 2 \rightarrow 4$$

The result is acquired through a small set of Java programs: MAIN.JAVA(<http://pastebin.com/886ccX9P>), GRAPH.JAVA(<http://pastebin.com/cfUweAXH>), and NODE.JAVA(<http://pastebin.com/PJtuwGLj>), please reference the links for more detail.