

Program Explanation:

Caves are green and if a cave has a thicker purple line attached to it, that means the cave that has a line attached to it can travel to that cave. If both caves can go to each other, it will show as one thick purple line, otherwise if a cave has a thin black line attached to it, that means the cave that has the line attached to it can't move to it. To load a cave file, you must select one of the three cav files and press the Load/Reset button. The load/Reset button also resets the process. Step through all button goes through all the caves to find the solution instantly while the step button does it step by step showing each current cave's children. Red caves and lines are part of solution path.