

To use the project, all you need to do is load the project folder in IntelliJ, open the test.java file and run the test cases. This will test all the functions within the program. All the test cases are designed for the specific input.dot file included in the project. If you would like to test a different input file, you will need to modify the test cases. The libraries should be included in the project, but if they aren't, all the libraries can be imported using maven. The libraries used are the following:

junit:4.13.2

Guru.nidi:graphviz-java:0.18.1

If you would like to use and test the functions manually, this can be done in the Part1.java program. In This program, I removed a node, and printed out the new graph as a png and disgraph for the sake of testing, but you can use whatever function you like.