Project Setup

1. All the programs were written in Java

2. I have compiled and executed my *.java files in in Eclipse. The version on eclipse is:
    Eclipse Java EE IDE for Web Developers.
    Version: 2018-09 (4.9.0)
    Build id: 20180917-1800

    However, the classes should be running on any IDE.

3. I have used the following development kit: JRE System Library [jdk-11]

4. Except for Graph.java ad Edge.java which are the foundation classes, all the remaining classes have their main methods and the code can be run on any of the classes to see the results in console.

5. Each of these files have System.out.println(###) commands to print the results and I have shown both the time complexity(milliseconds) and the Band Width wherever necessary.

6. TestingPart4 is the common class where all the routing algorithms are being executed as needed in part 4. They are running on 5 randomly generated graphs with 5 sets of source and destination pairs. The runtimes have been sequentially printed on console to ease the comparison.

7. The project might have to be built once any changes are made (if this feature is not enabled by default). This can be done by clicking on the parent folder of the project, right click and Build project. This has to be run after performing the above actions.