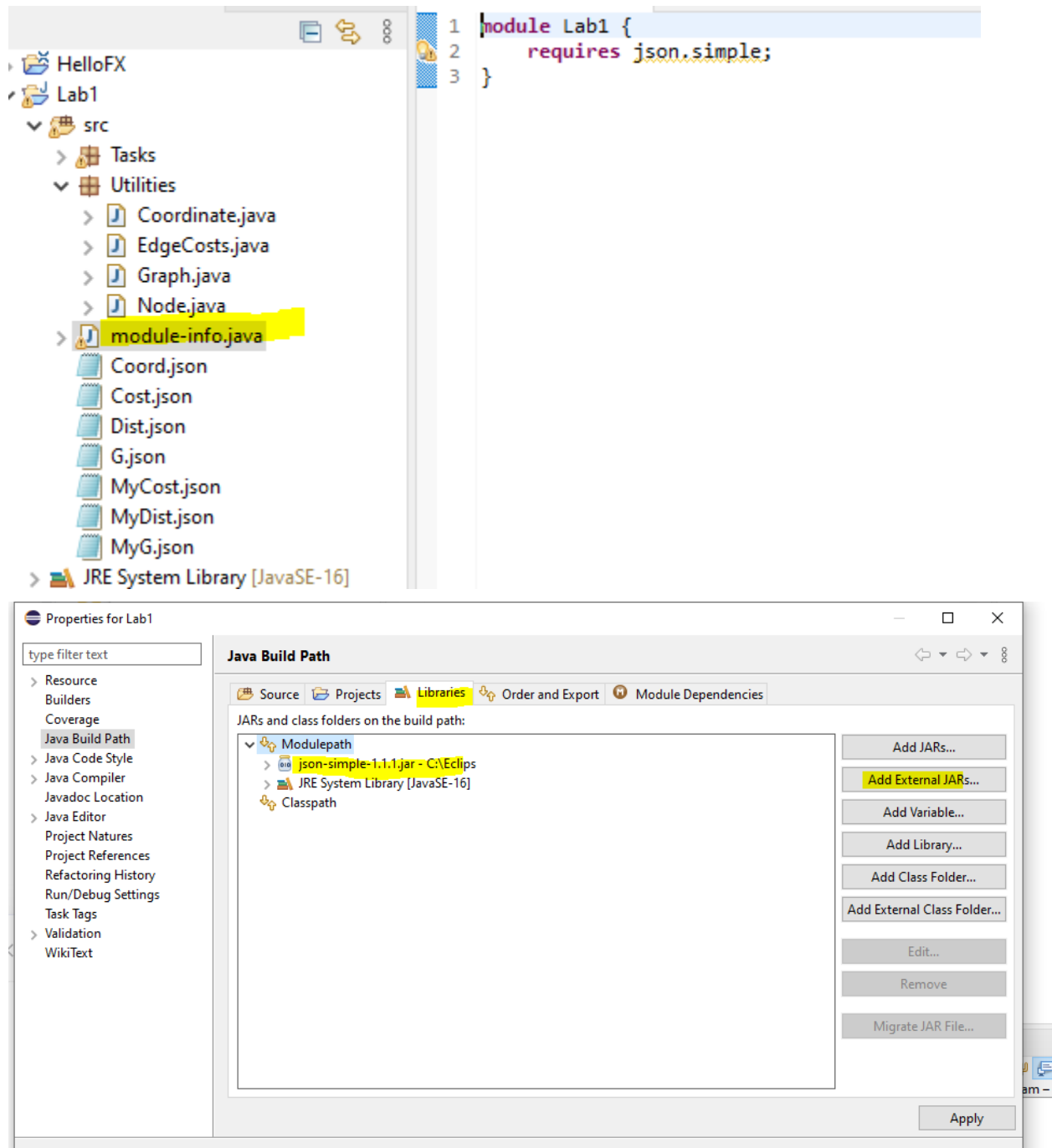
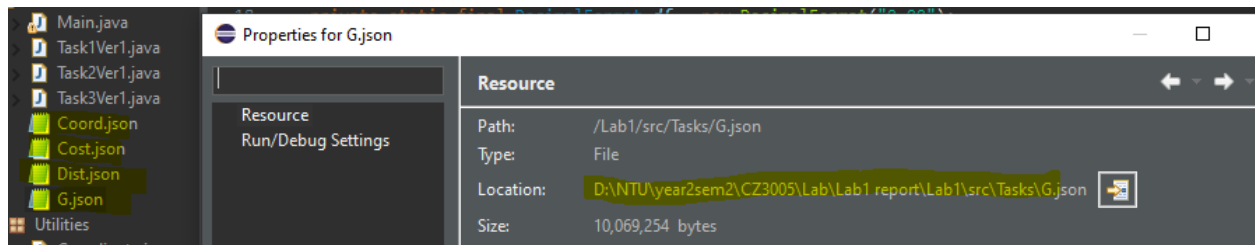


Setting up json simple for eclipse



<https://www.youtube.com/watch?v=joAxQtSaErE> video for demo.

```
1 package Tasks;
2
3 import java.text.DecimalFormat;
4
5 public class Task3Ver1 {
6     //change doubles to 2 decimal place
7     private static final DecimalFormat df = new DecimalFormat("0.00");
8     private static final double WEIGHT = 1;
9     public static void main(String[] args) {
10         // T000 Auto-generated method stub
11         //System.out.println("Starting Task1");
12         //setting up the graph
13         System.out.println("Building graph");
14         Map<String, Node> graph = Graph.buildGraph();
15         System.out.println("distWeightMap");
16         Map<String, Map<String, Double>> distWeightMap = Graph.buildWeightMap("D:\\NTU\\year2sem2\\CZ3005\\Lab\\Lab1 report\\Lab1\\src\\Tasks\\Dist.json");
17         System.out.println("energyWeightMap");
18         Map<String, Map<String, Double>> energyWeightMap = Graph.buildWeightMap("D:\\NTU\\year2sem2\\CZ3005\\Lab\\Lab1 report\\Lab1\\src\\Tasks\\Cost.json");
19         System.out.println("coordMap");
20         Map<String, Coordinate> coordMap = Graph.buildCoordMap("D:\\NTU\\year2sem2\\CZ3005\\Lab\\Lab1 report\\Lab1\\src\\Tasks\\Coord.json");
21     }
22 }
```



May not run on your machine as the Json file in absolute path so please change all location where need be read from json file with the appropriate path saved in your machine.

Note: The json file for the lab is same name as when downloaded, those with 'My' in their name is my dummy Json file to test my algorithm.