1. **How to compile?**

I put all the code in RomaniaClass.java file. In order to run the code you just need to go to cmd and run following commands.

1. Go the path where RomaniaClass.java file is saved. For example if the class is stored at folder name City in C: drive then run command cd C:\city
2. After that compile the code using javac RomaniaClass.java
3. Finally run code using java RomaniaClass.java
4. **Output**
5. **I am storing the connectivity between cities in one ArrayList**
6. **After I am asking user if he wants to see adjacency list format of graph**

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Description automatically generated**

1. **Then I am asking user to enter source city, then user will get 5 options to choose**

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1. **If BFS is chosen, the sample output of BFS for Iasi is as below,**

**In the BFS I am storing/exploring the child cities in frontier alphabetical order of successor**

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1. **If DFS is chosen,**

**In DFS I am storing child cities in alphabetical order in frontier, however DFS queue work in First in Last out manner so cities are explored in reverse-alphabetical order**

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1. **IDS:**

**Nodes are explored in alphabetical order**

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Description automatically generated**

1. **There is option of choosing new city and exiting from application.**