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**DS LAB 1 Writeup**

**Preferably run this in an IDE like Eclipse**

Steps of Execution:

1. Run the server code. Server UI will be displayed.
2. Run the client code.
3. When prompted, enter the IP Address: 127.0.0.1
4. Now run the client code.
5. The client window now opens. Enter the word you want synonyms for. This code is made only for two words: ‘idiot’ or ‘clever’.
6. The synonyms for the word entered will be displayed below.
7. You can run as many clients as you want.
8. The Server UI will display incoming words from the client as well as the information of the clients connected to it (client number, port number, etc).
9. If you want to quit enter only a ‘.’ (period) or simply close the window.

PS: A Screenshot of the execution is included in this folder itself just in case.