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**DS LAB 2 Writeup**

**The Project in total has 6 classes.**

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

Execution: -

1. MessageQueuingServer class will be run first. Since it has the main method that creates an instance of the remote object implementation, exports the remote object, and then binds that instance to a name in a Java RMI *registry,* it has to be initialised first.
2. Student then runs the StudentProcess class and does his bit.
3. Advisor runs AdvisorProcess class to check requests and generate the decision.
4. Student runs NotificationProcess later to check the decision.

Although this would be the ideal order of execution, it is not a compulsion. The processes are independent of each other and can be executed in any order as long as the MQ Server is running. They will behave as per the requirement.

P. S: -

Even though it was stated that the Advisor Process has to sleep if there is no request, I chose not to do it because of the unnecessary loop prints on the console. The space on the console was valuable for me because I wanted to do the project on an IDE to ease testing.

Thank you.