

# Configuration instructions

## Basic Instructions

1. The first prerequisite is to install java in the user machine.
2. An IDE to run the JAVA Applet needs to be installed – Eclipse or IntelliJ or Netbeans.
3. Install Derby database using file from the below link  
<https://db.apache.org/derby/releases/release-10.14.2.0.cgi>
4. Kick-start the server using “StartServer.bat” file.
5. Connection needs to be established by following the below steps:
  - a. Choose new under the Database connections, In the data source explorer.
  - b. Choose Derby to make the selection.
  - c. Point to the derbyclient.jar file.
  - d. Import the derbyclient.jar file in to the project.
  - e. Post driver selection, create the database “sample”.
  - f. Use the generated JDBC url in the JDBC class to establish connection with the DB.
6. Ensure that the derby server is up and running.

## Schema and Table Creation

1. Database connection -> New Derby -> SQL Scrapbook (Open)
2. Create a schema named ADMIN under test connection database.
3. Execute the query: CREATE SCHEMA ADMIN;
4. Execute table query under the **tablecreation.sql** file in sql folder.
5. Table “sample” is created.

## Running Launcher Class

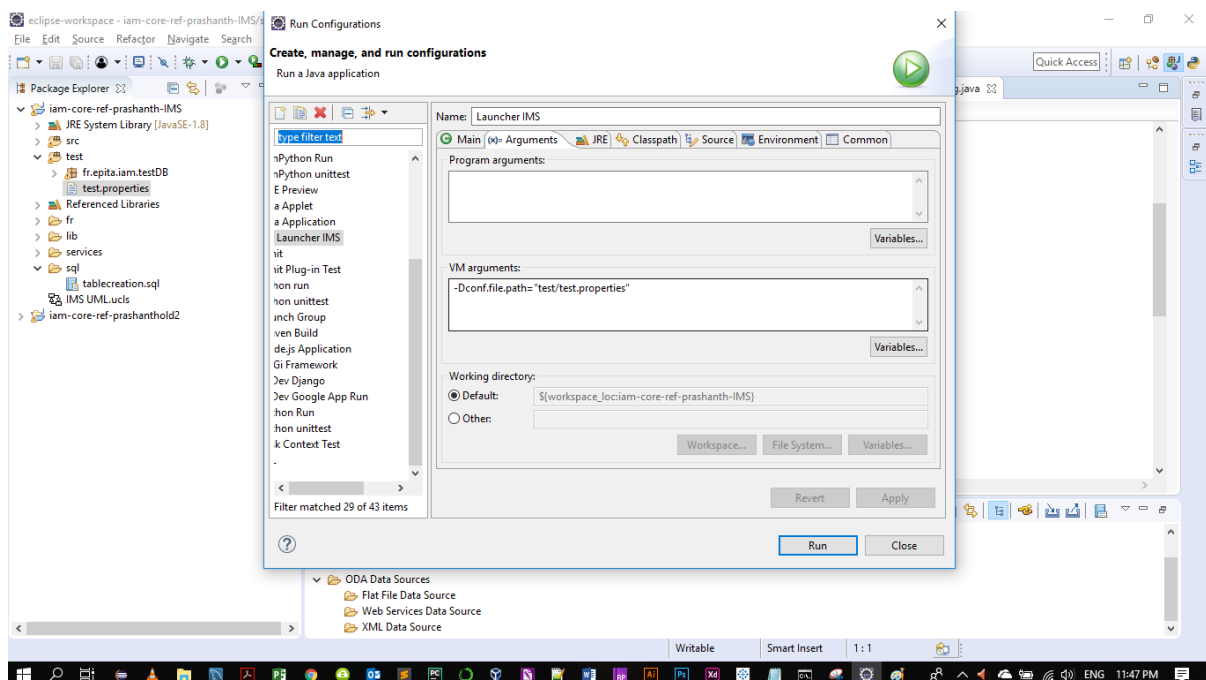
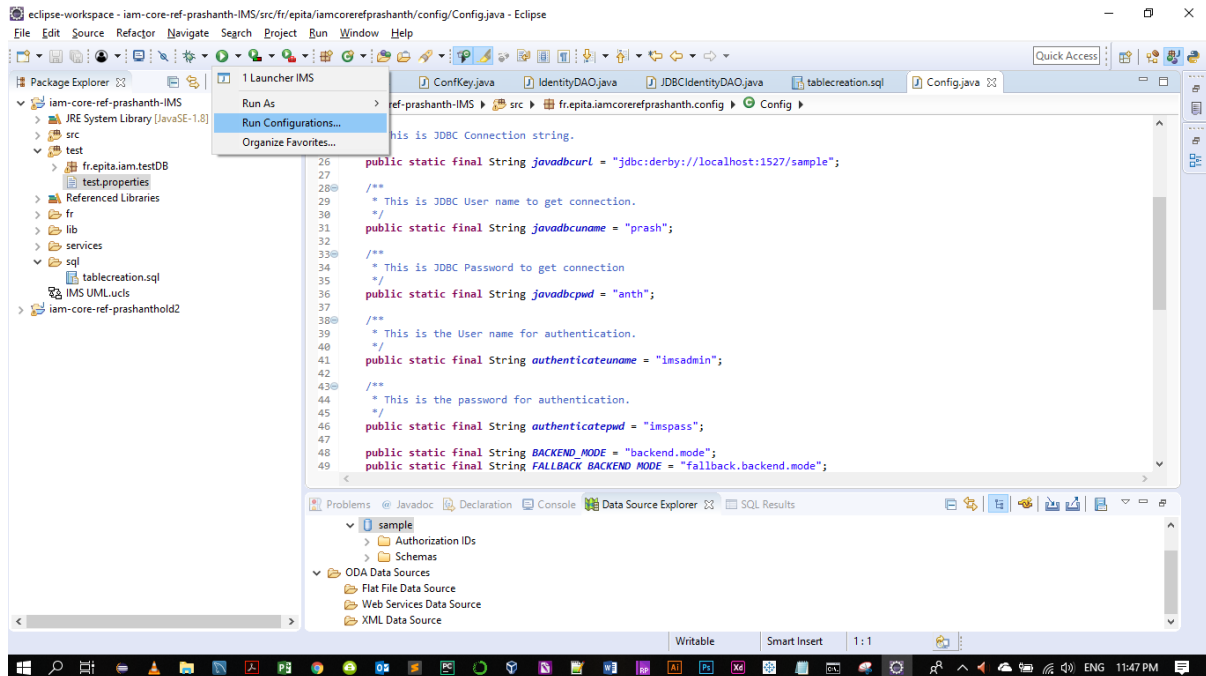
1. Configuration details and SQL queries are stored in test.properties file.
2. Program fetches all the configuration details from the aforementioned file.

## How to run the program:

1. In order for the program to fetch, the configuration from test, Follow the below steps.
2. Click “Run Configuration” under the run launcher option.

3. Select “Arguments” tab and in the “VM arguments:” text area enter the location of the properties files “-Dconf.file.path=“test/test.properties” and then click run.

Please use the below screenshots to understand better.



## Login Credentials for IMS

Username: imssadmin  
Password: imsspass