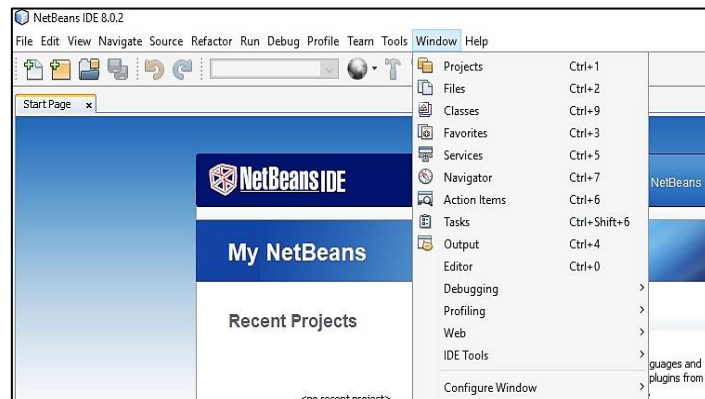


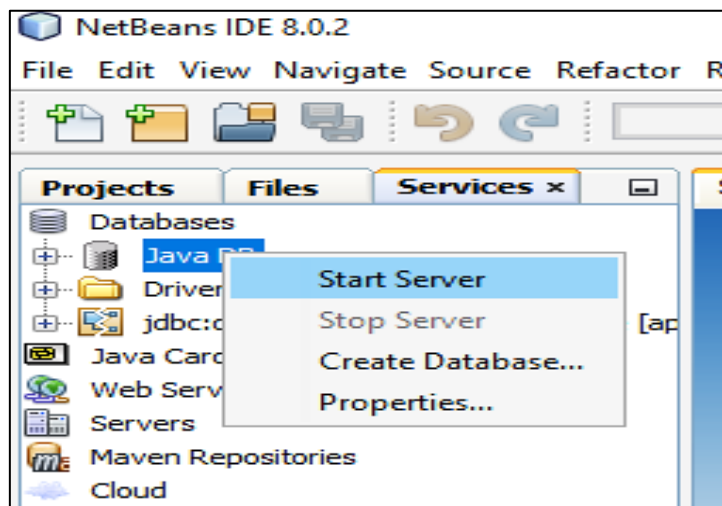
PRACTICAL 6

Aim: Define a RESTful accepts the details to be stored in a database & performs CRUD operation.

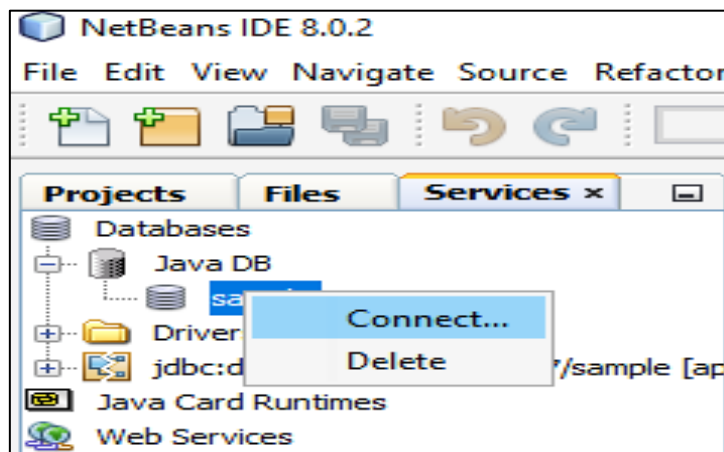
1. Click on Window menu and click on **Projects, Files & Services** to open it.



2. **Right click on Java DB** and then **click on Start Server** to start the server.



3. Now expand Java DB and **right click on database name which is Sample or SampleDB**. Then **click on connect** to connect the database with server.

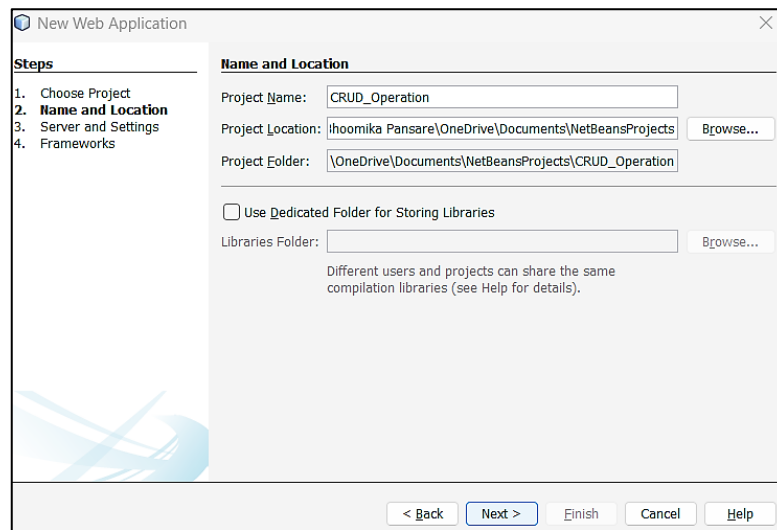


4. Now create a 2 table in database.

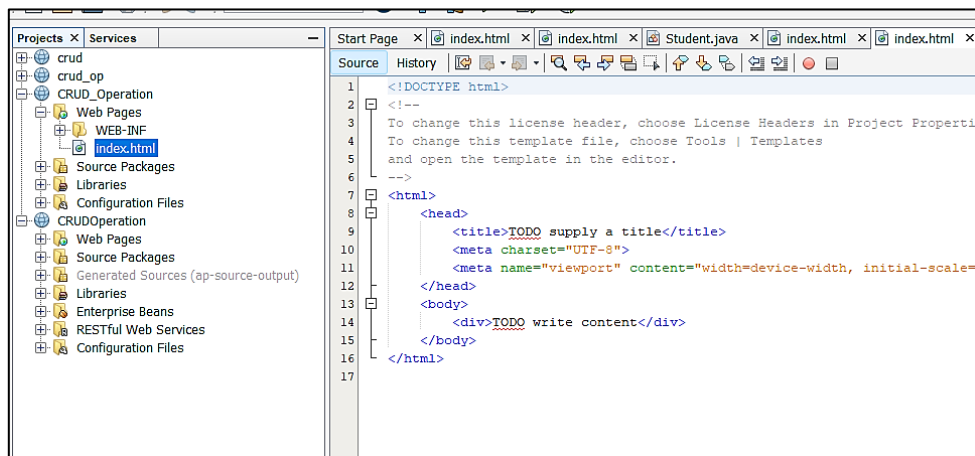
For both table the first column which is "id" set as primary key.

- The first table name is StudentData & column names are: id, name, college.
- The second table name is Product & column names are: id, product name, information, number

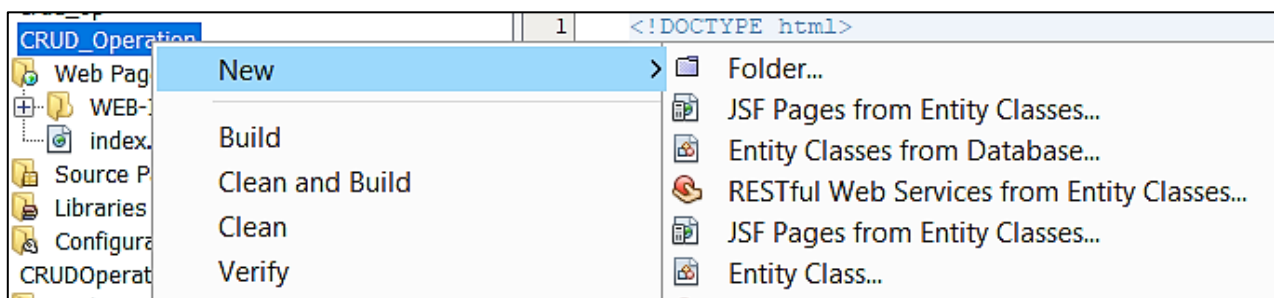
5. Now create a web application with the name **CRUD_Operation**



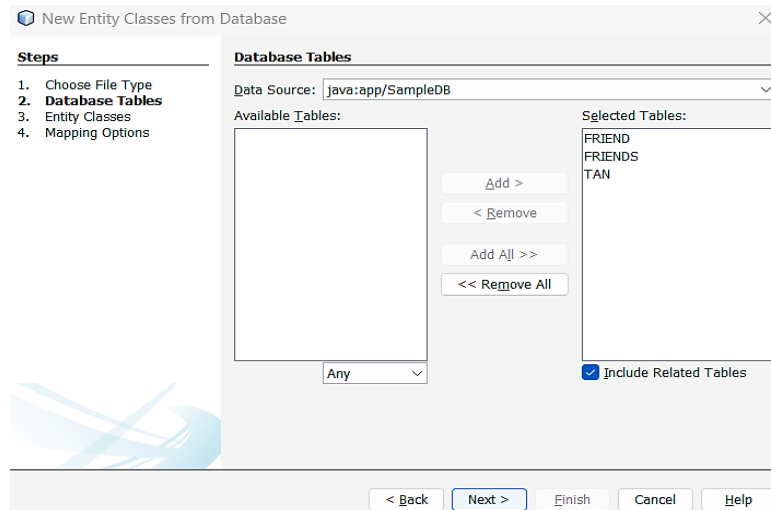
6. A window will open like following pic.



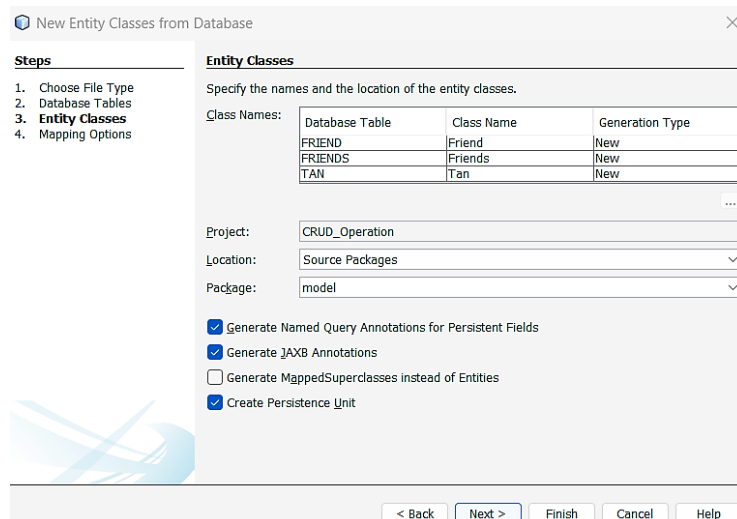
7. Create an entity class from database. **Right click on project name -> New -> Entity Class from database.**



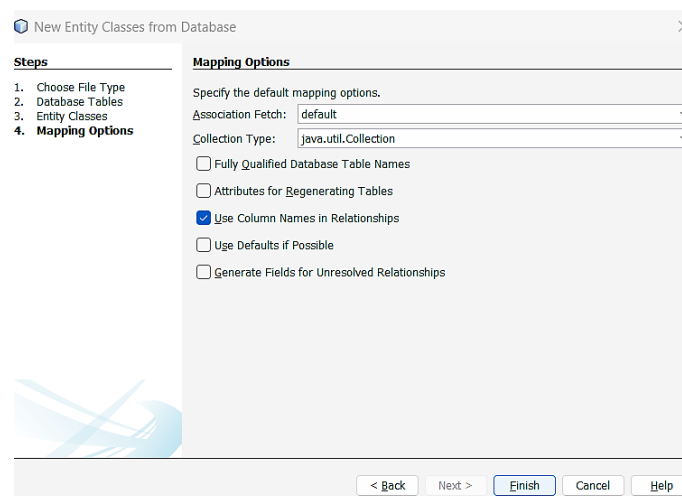
8. A window will appear like bellow pic. Select the Data Source either Sample or SampleDB in which your tables are created. Add all tables & click on Next.



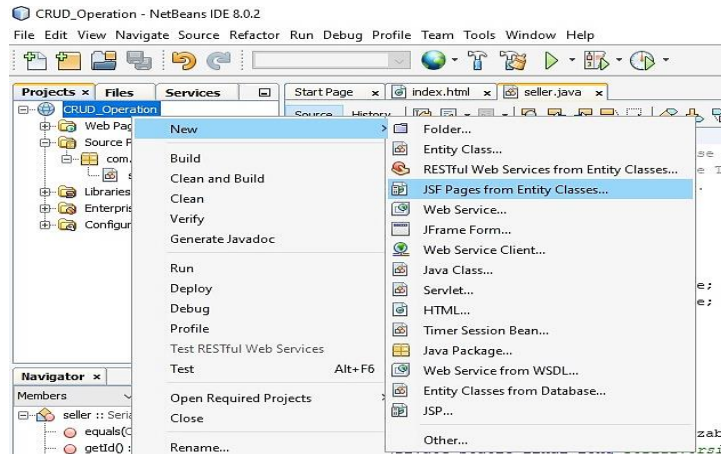
9. Now provide the package name is model.



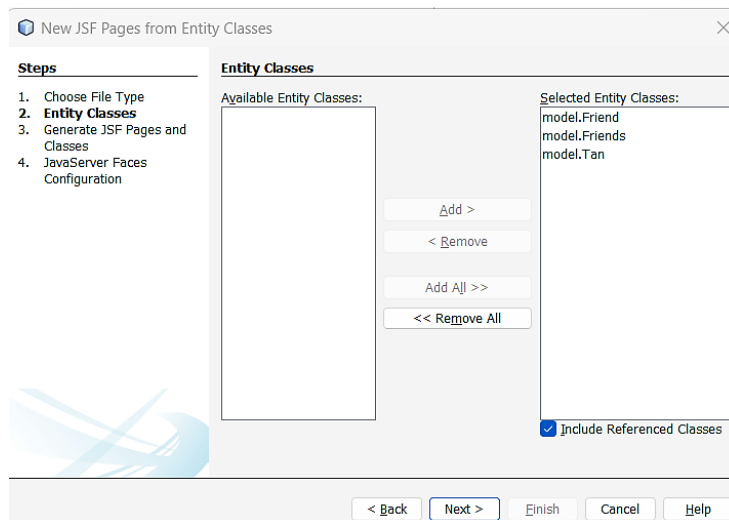
10. Click on Next & then Finish.



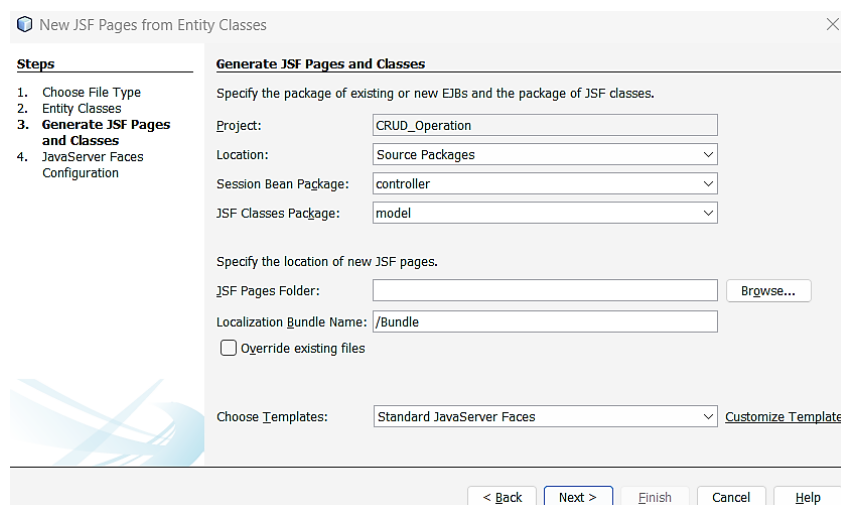
11. Right click on project name and create JSF Pages from Entity Classes.
Right click on project name -> New -> JSF Pages from Entity Classes



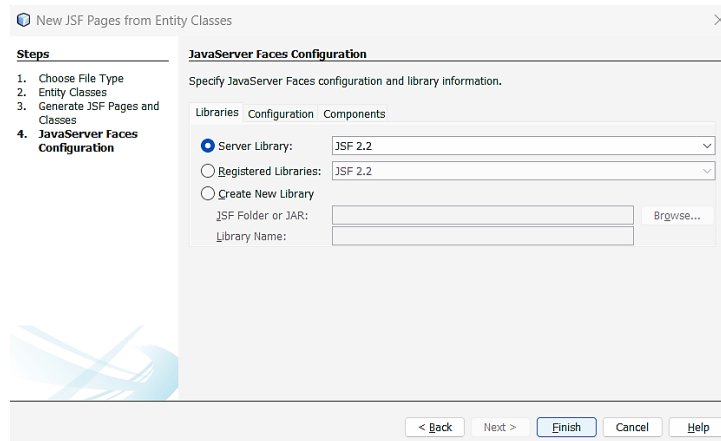
12. Select all Entity Classes and click on Add button and then Next button on below.



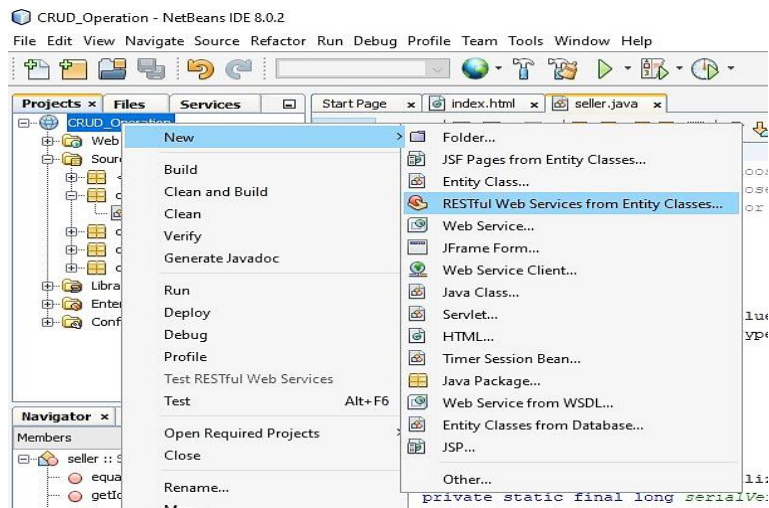
13. A window like below will appear on the screen. Enter the data into that window as entered in below pic and click on Next button.



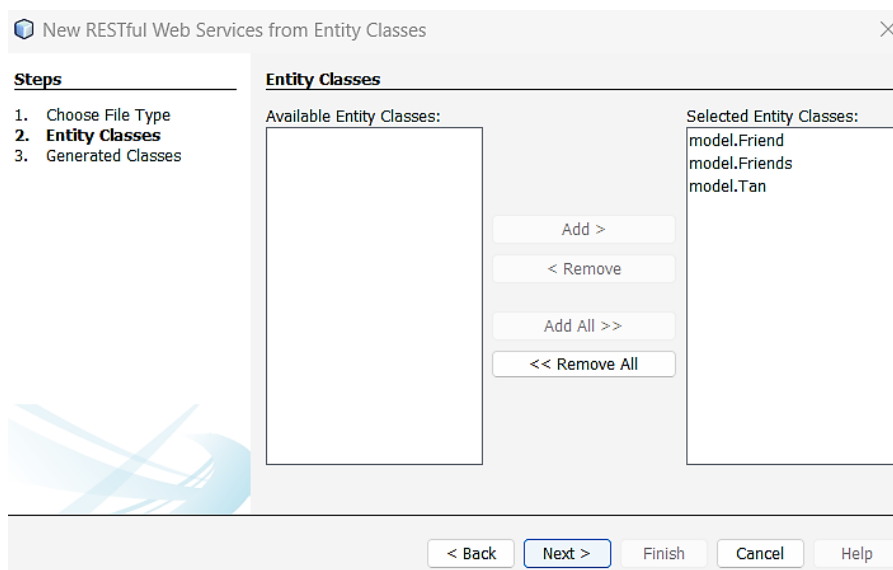
14. Now **click on Finish.**



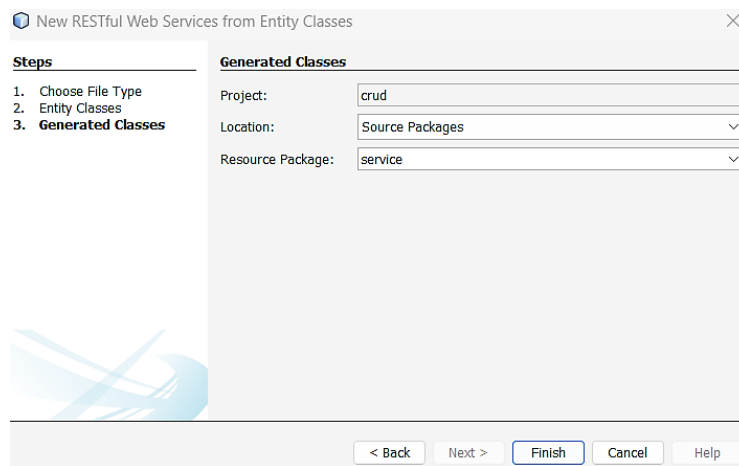
15. Right click on project name and create RESTful Web Services from Entity Classes.
Right click on project name -> New -> RESTful Web Services from Entity Classes



16. A window like below will appear on the screen. **Select the entity class & click on Next button.**

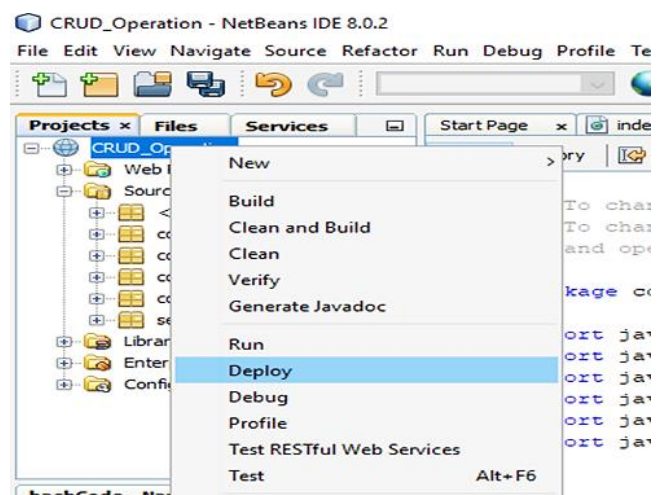
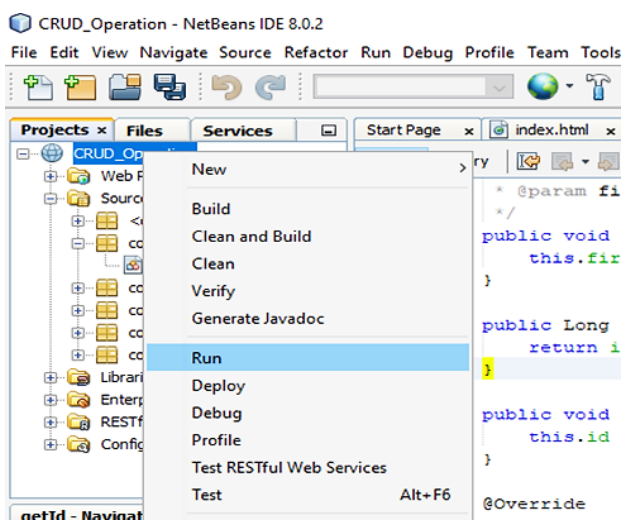


17. Enter the data into that window as entered in below pic and click on **Finish** button.



18. Now **right click** on web application name and **Deploy** it.

19. Now **right click** on project name and run it



20. A window will open in browser like below.

