Write the following code to connect database with intellij.

CODE:

import java.sql.Connection;

import java.sql.DriverManager;

public class Main {

public static void main(String[] args) {

*getConnection*();

}

public static Connection getConnection()

{

try{

String driver = "com.mysql.cj.jdbc.Driver";

String databaseUrl ="jdbc:mysql://localhost:3306/world";

String userName="root";

String password="fjwu";

Class.*forName*(driver);

Connection conn=DriverManager.*getConnection*(databaseUrl,userName,password);

System.*out*.println("Database Connected");

return conn;

}

catch(Exception e){

System.*out*.println("Some Error"+e);

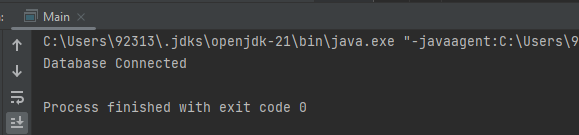
}

return null;

}

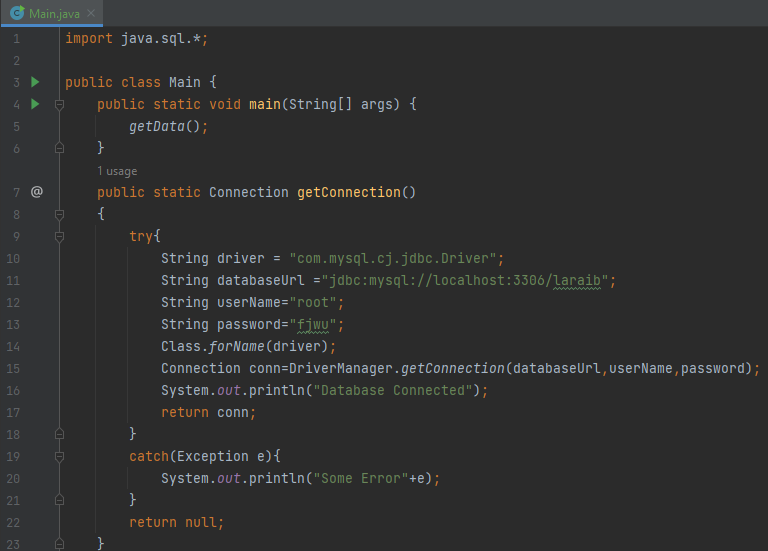
}

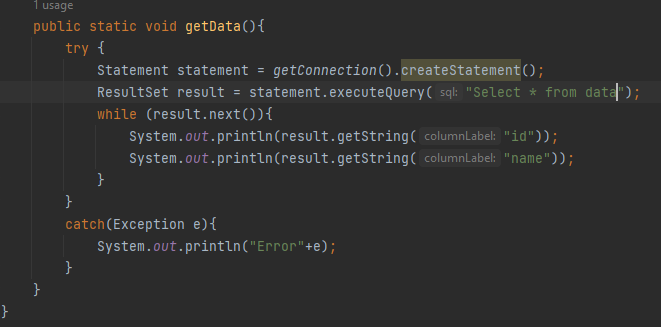
OUTPUT:



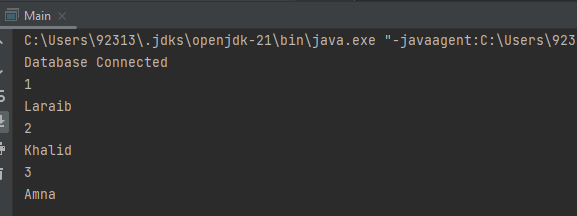
Write the code to see the records of database.

CODE





OUTPUT:

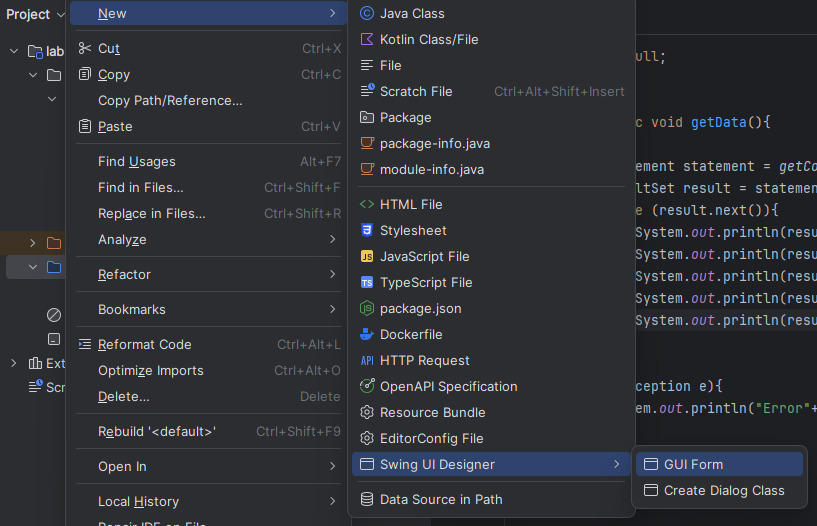


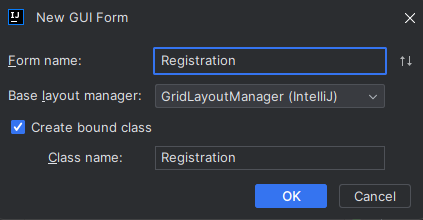
ADD ICON IN INTELLIJ PROJECT

* Create new project and open the location where you install your icon.
* Then drag your icon and drop it in source file of your project.

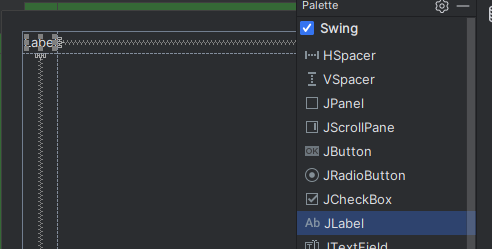
CREATING GUI REJISTRATION FORM

* Right click on src file, go in new and select GUI form.
* And give name to your form as you like and click ok.

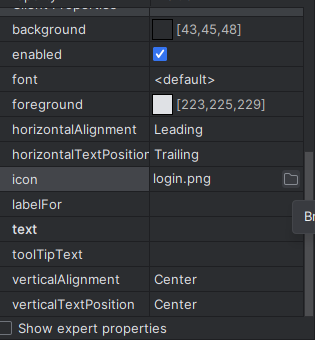




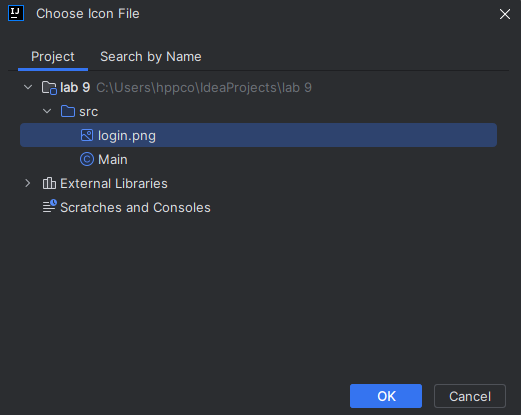
* From the palette click on JLABEL and drag it where you want to place it(left upper corner).



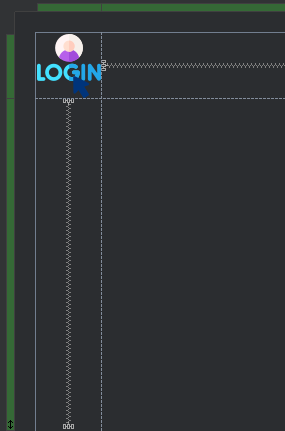
* In text heading remove the label name, center your label and in icon heading select the image by clicking at folder button.



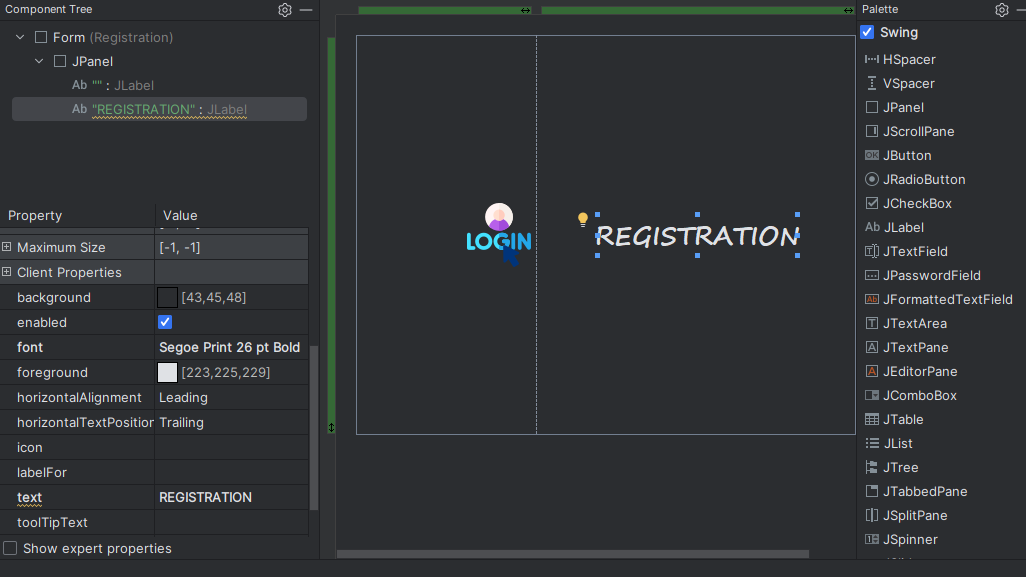
* In project section click on src and select the image and click ok.



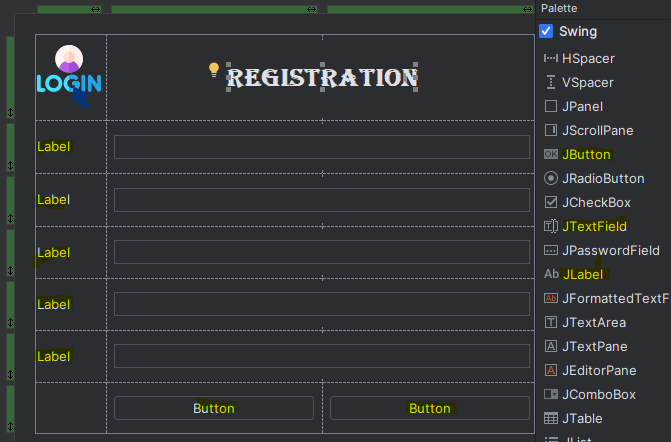
* And your image will display.



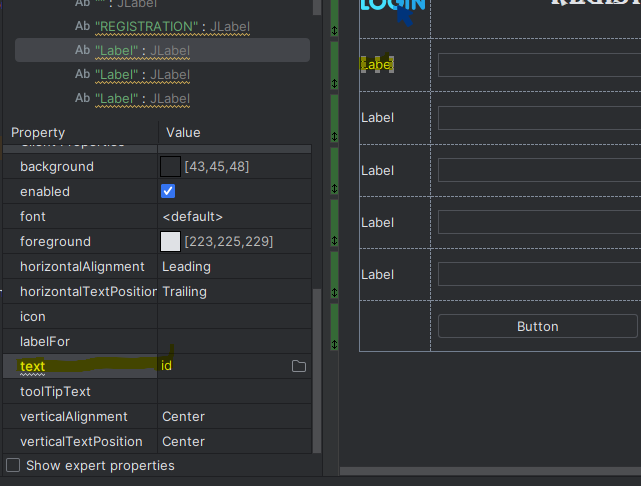
* Again, Drag and drop the label from palette and write REGISTRATION in text in component tree (property) and set the font of your choice.



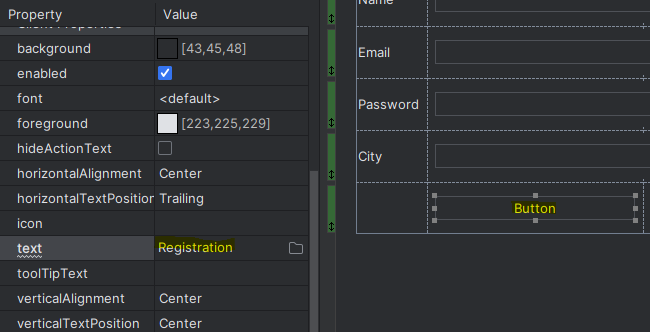
* Now adding 5 labels and 5 text field and 2 buttons in form from palette.



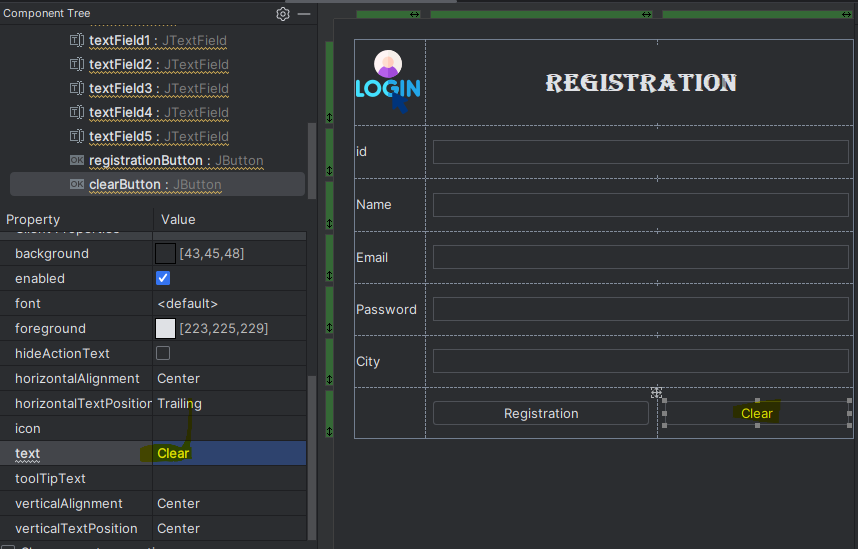
* Give name to label as same as you give the column name in your database.



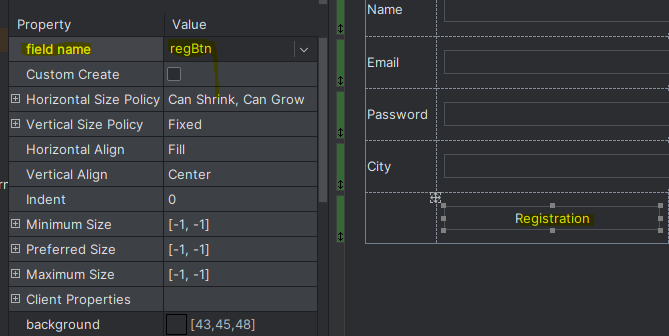
* Give name register to your button. Register to register your data in database.

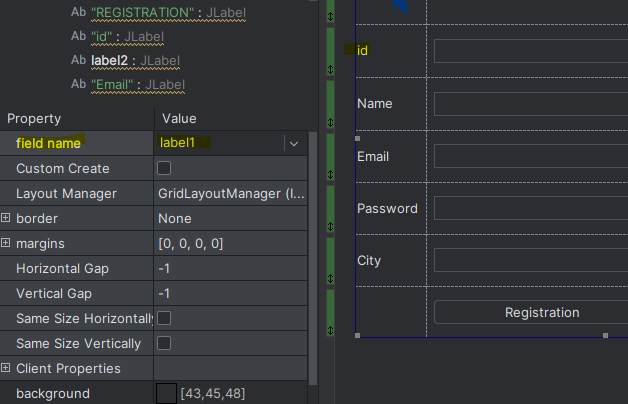


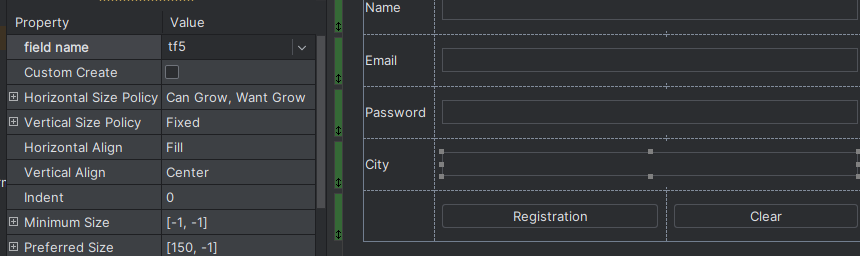
* Give name clear to second button. It will clear the written data in your form.



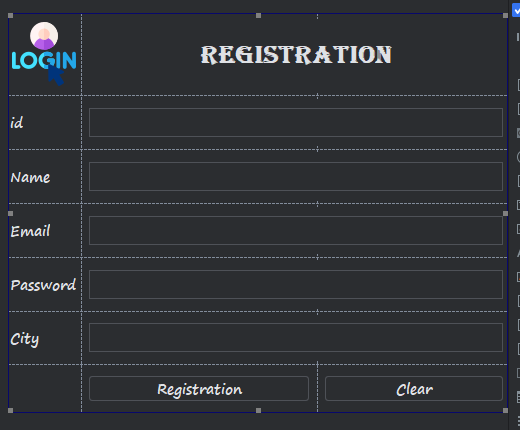
* Now give field name to your label, text field and button as your choice.





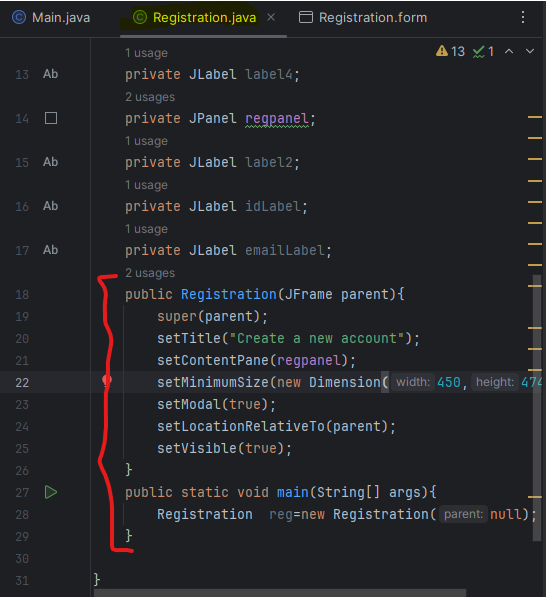


* Select all the labels, text field and button to set the font by click to font folder and select writing style and size.

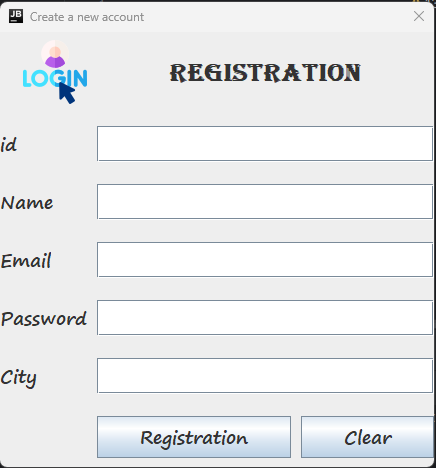


CODE FOR REGISTRTION FORM

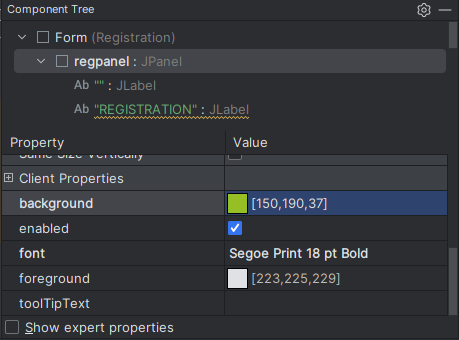
* Give title and set the size of frame.
* Then create object of registration class in main.

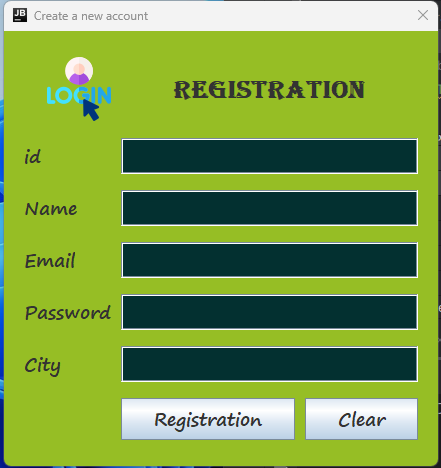


* Run the main and output will show.



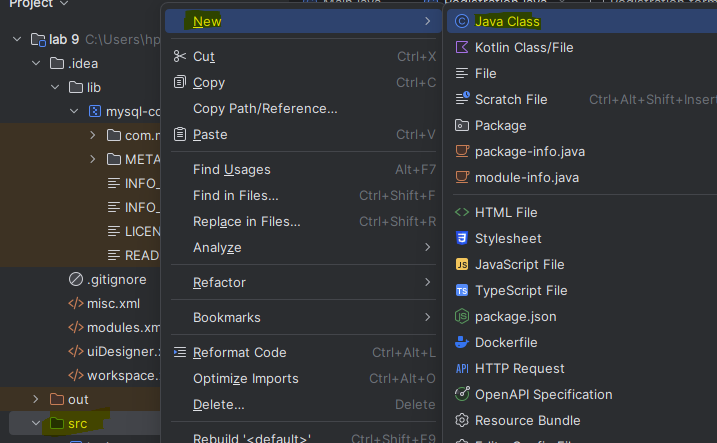
* Change the background color of your form according to you choice.





NEW JAVA CLASS

* Right click on src, click new and click java class give name to your class same as the table name.

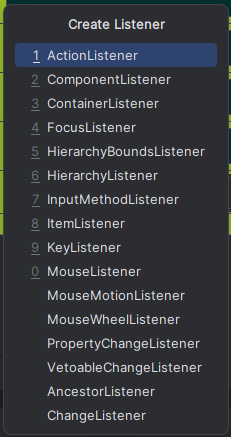
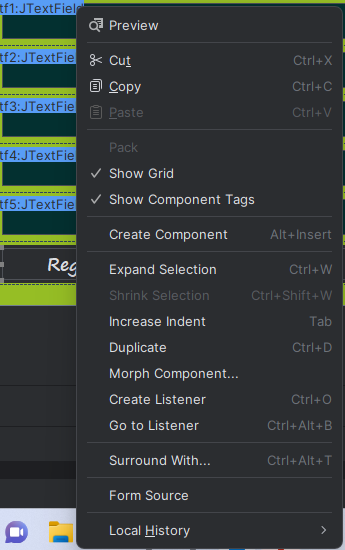


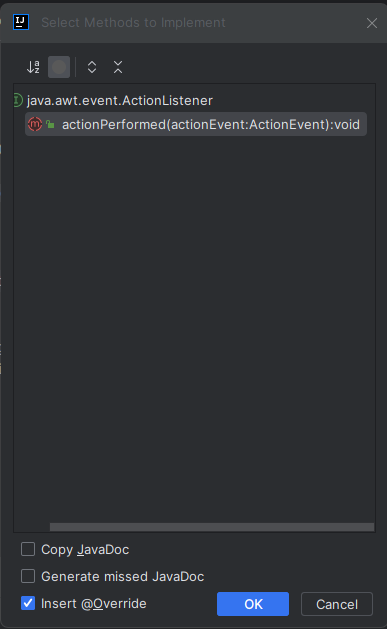
* Declare the name of your column in your new class.

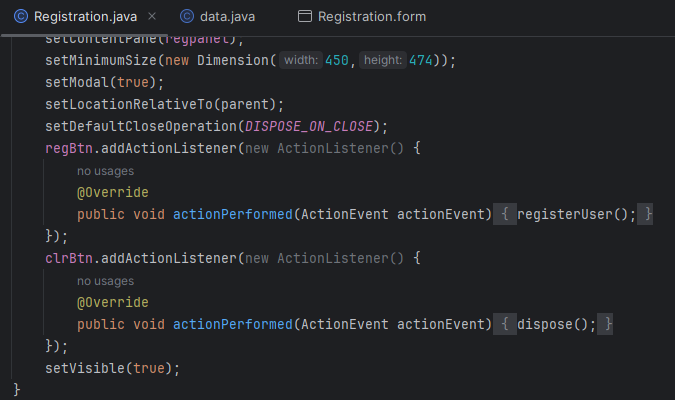


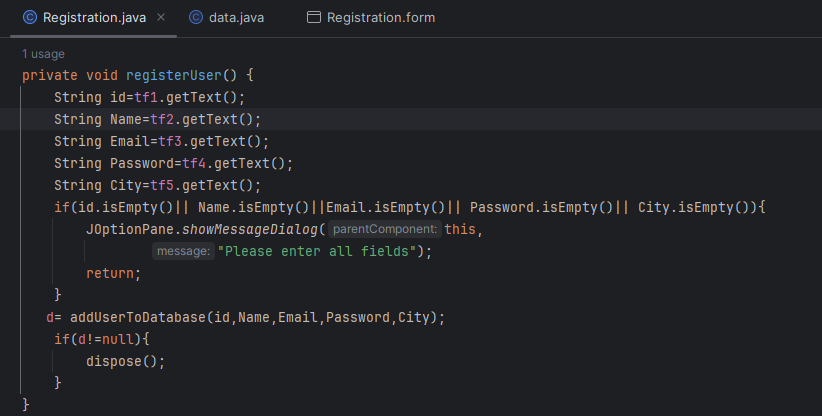
ADDING ACTION LISTNER IN REGISTRATION CLASS

* Right click on your button and click create listener and select action listener.



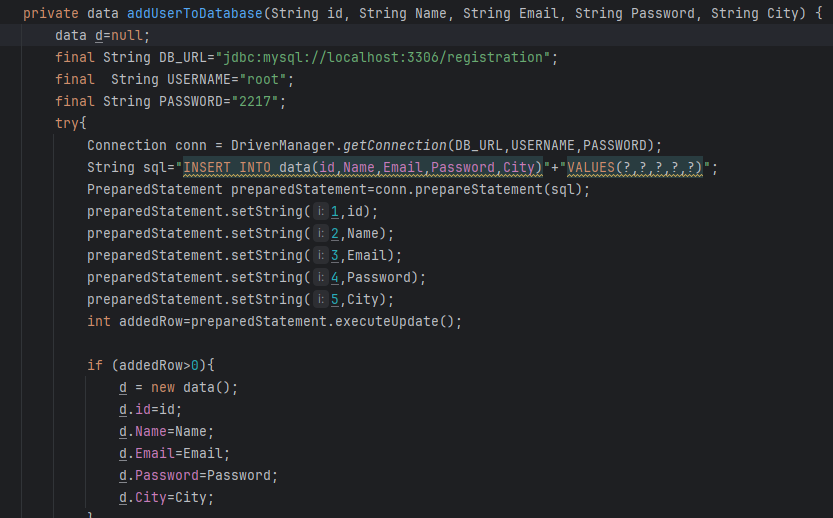






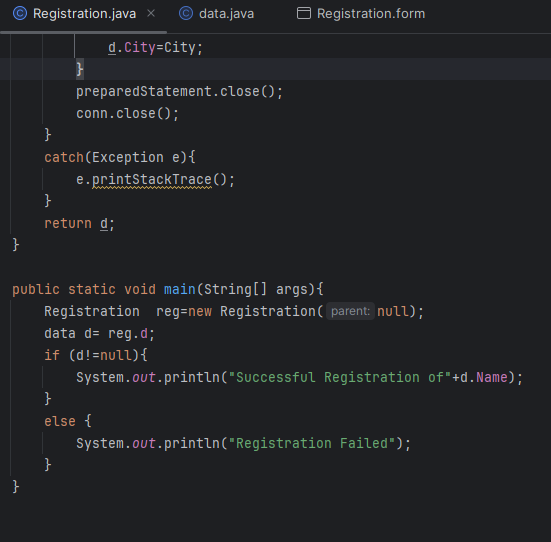
CONNECTING DATABSE WITH FORM

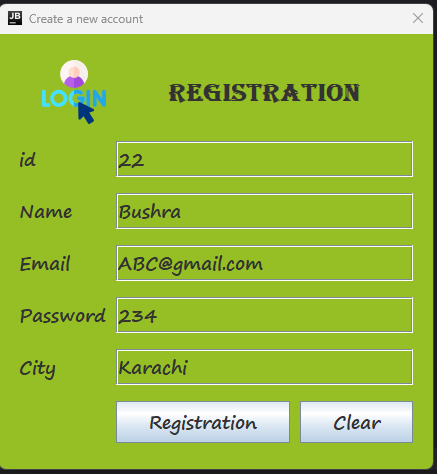
* Add the link, name and password of your database to connect it with form. And then write the insert query to enter data in database.

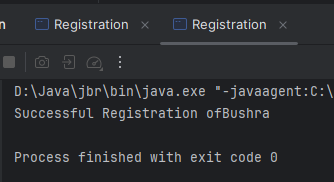


MAIN CLASS OF REGISTRATION

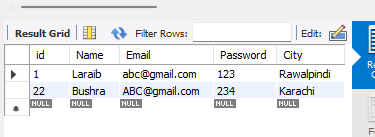
* Create object of registration class and write the condition to show what if data is successfully entered or not.



OUTPUT  


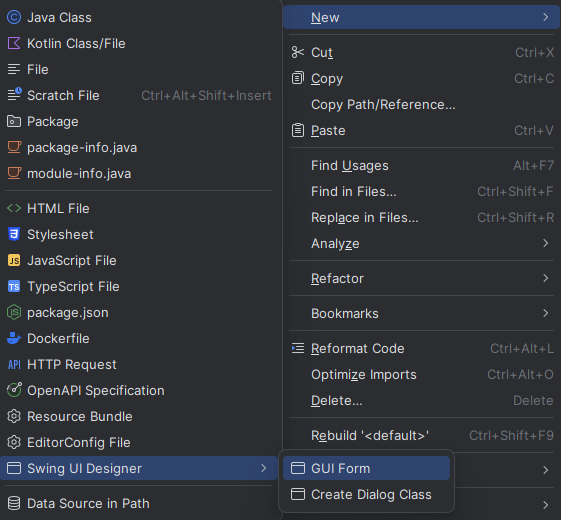


DATABSE

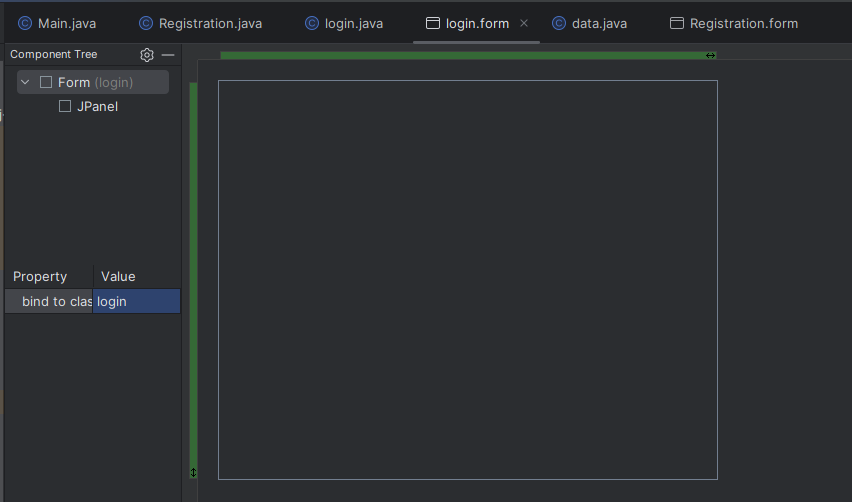


LOGIN FORM

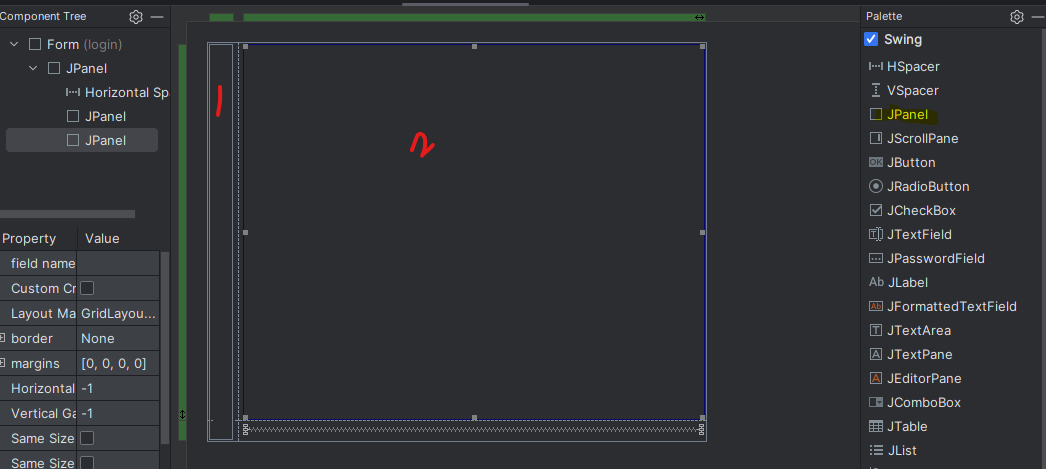
* Create New form for login.



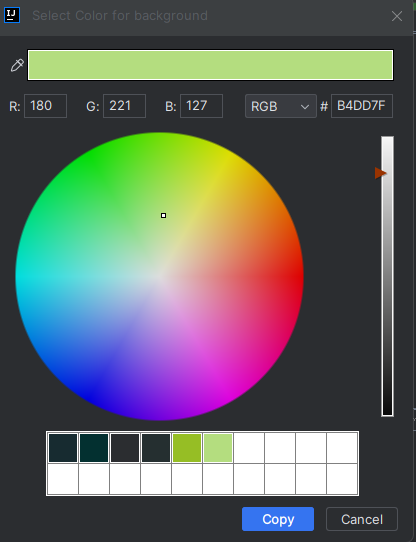
* Give name and click okay to create form.



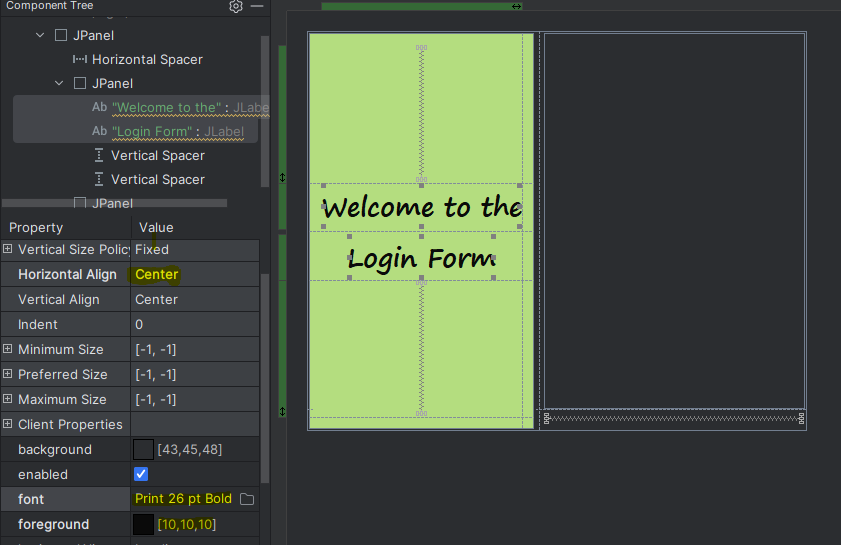
* Add 2 JPANEL.



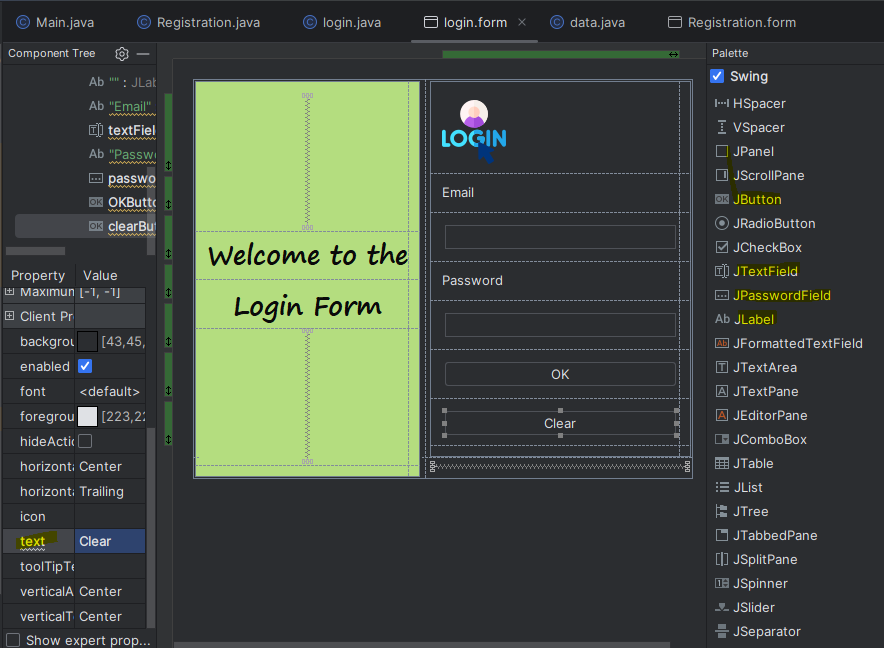
* Add color to Panel 1.



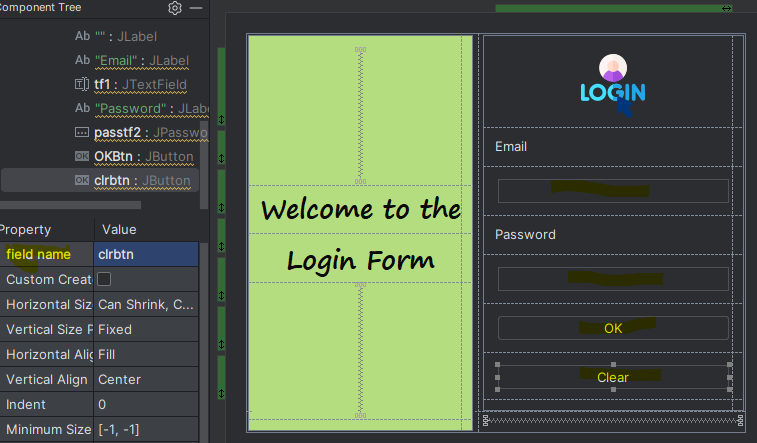
* Add Label set their font, align it and write the text to display. And add 2 Vspace at top and bottom of panel1.



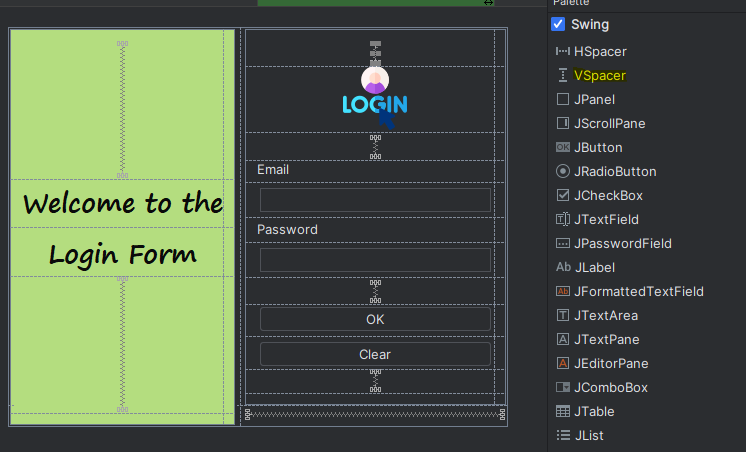
* Add login icon 2 labels (Email, Password), 2 text field and 2 buttons (ok and clear).



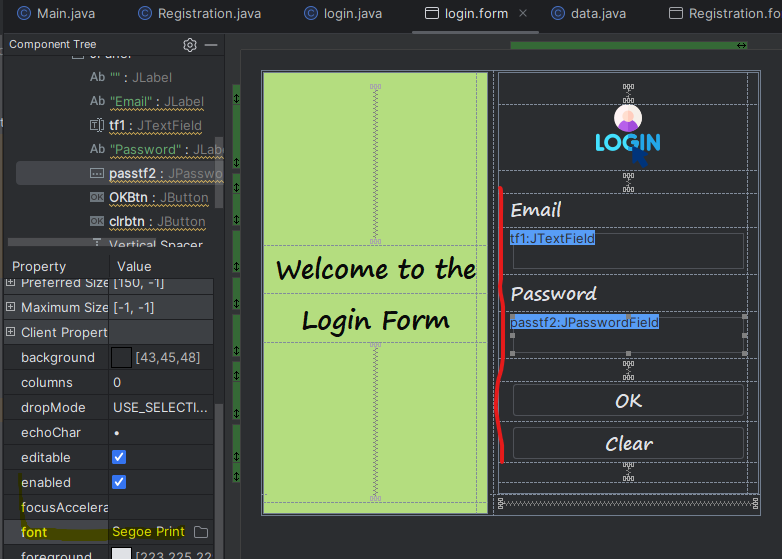
* Give field name to your labels, buttons and text fields.



* Add Vspace between the labels and buttons.

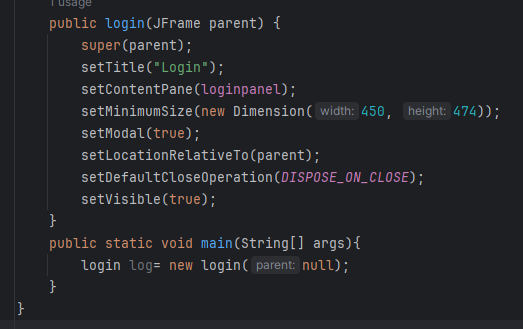


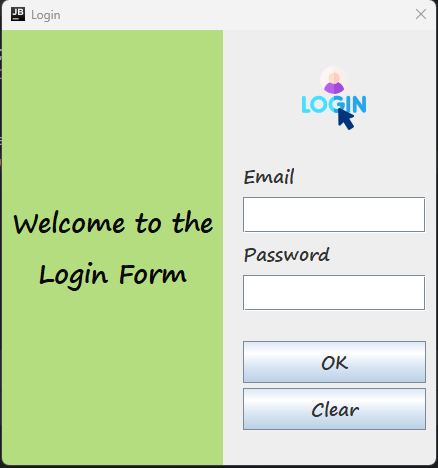
* Set the font of your frame.



CODE FOR LOGIN FORM

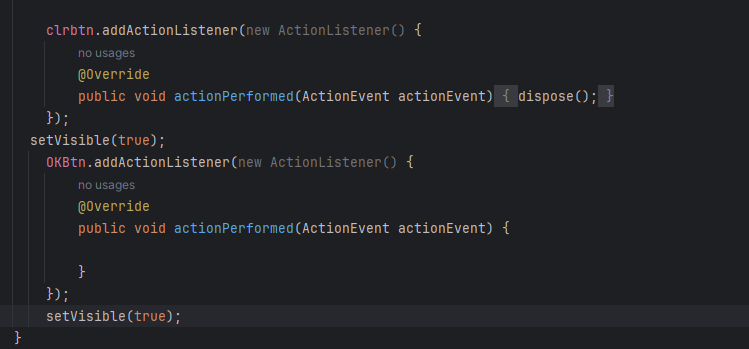


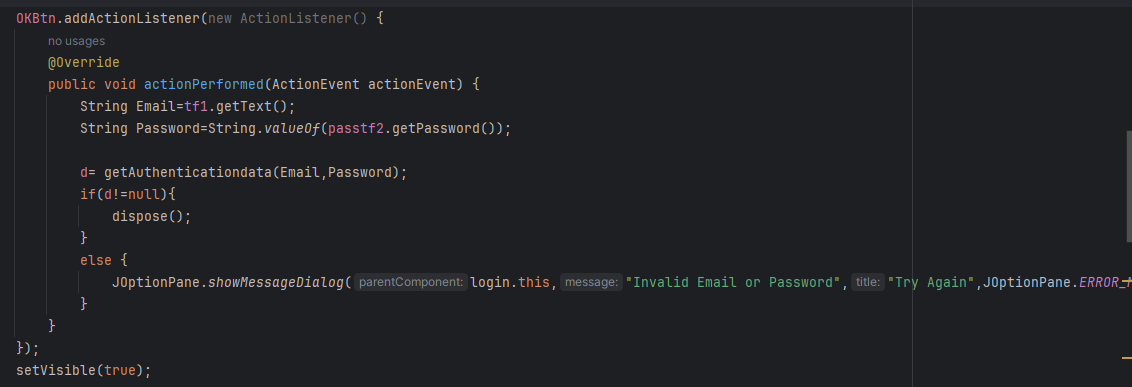




ADDING ACTION LISTNER

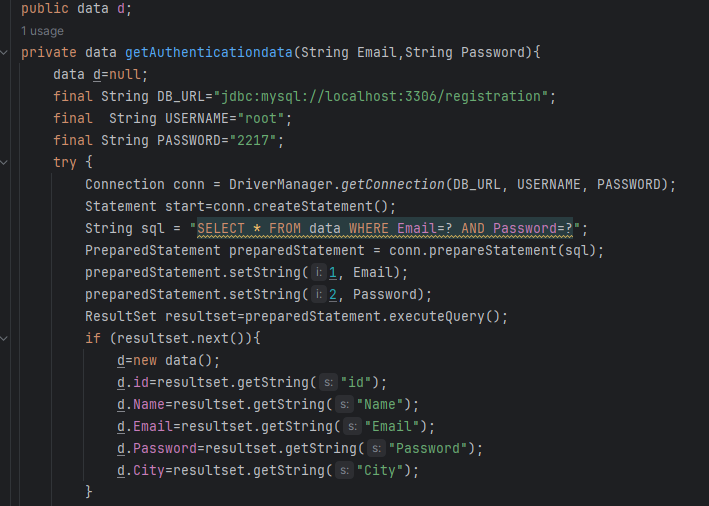
* Add action listener so that buttons can perform the action they are meant to do.





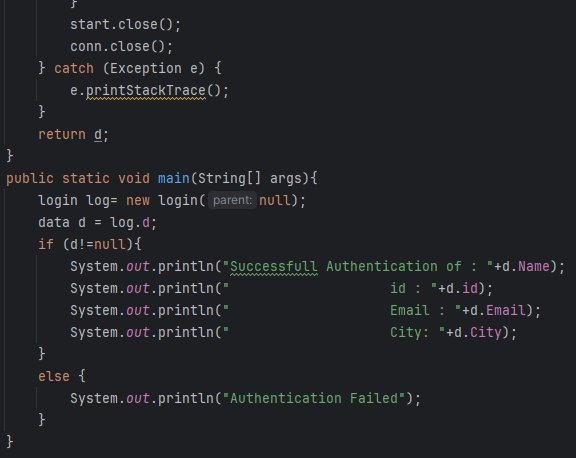
CONNECTING DATABASE WITH LOGIN CLASS

* Add link, name and password of your database and query to match the data enter in form with the data in database.

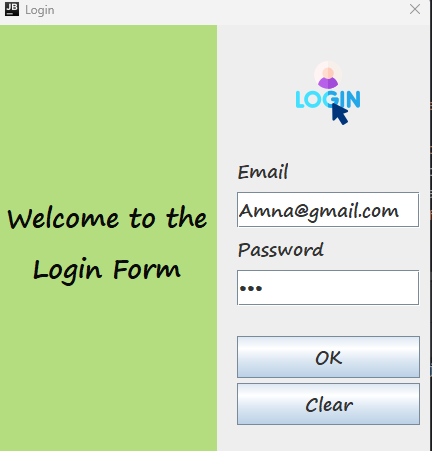


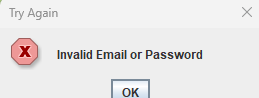
CREATING MAIN OF LOGIN CLASS

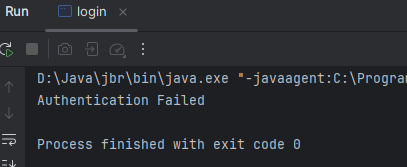
* Create object of class And if data matches with database then display the data.

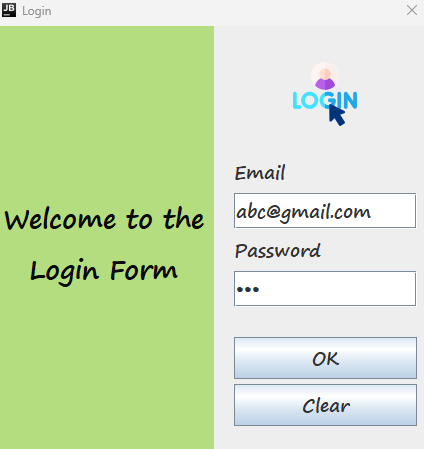


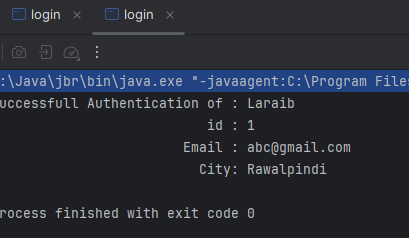
OUTPUT OF LOGIN





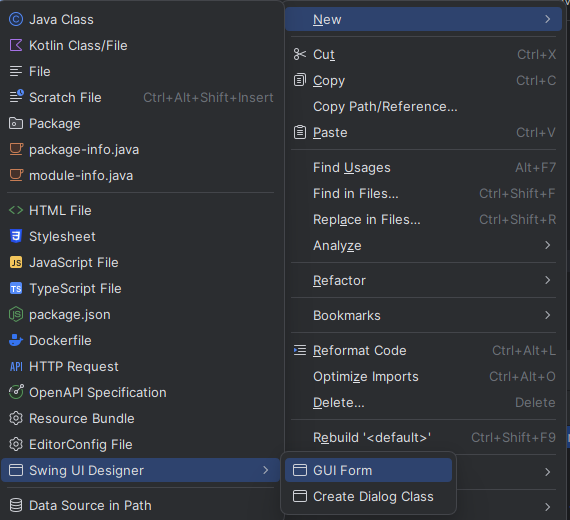






DASHBOARD FORM

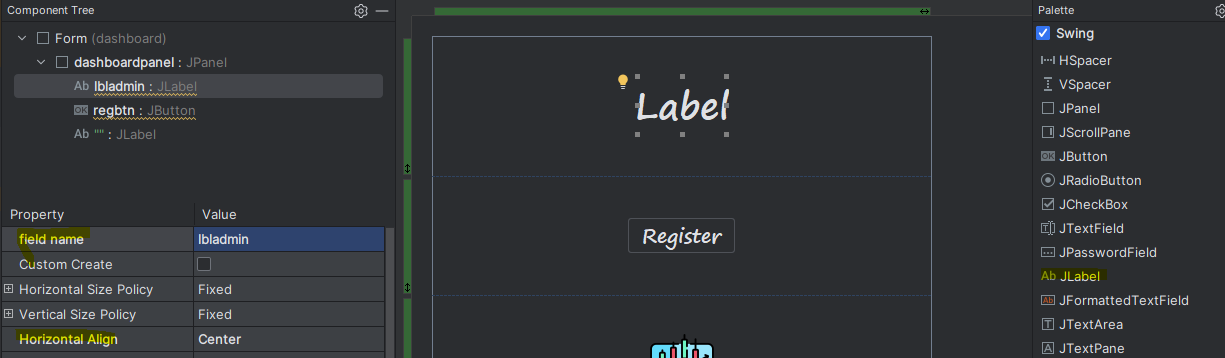
* Create the form of dash board.



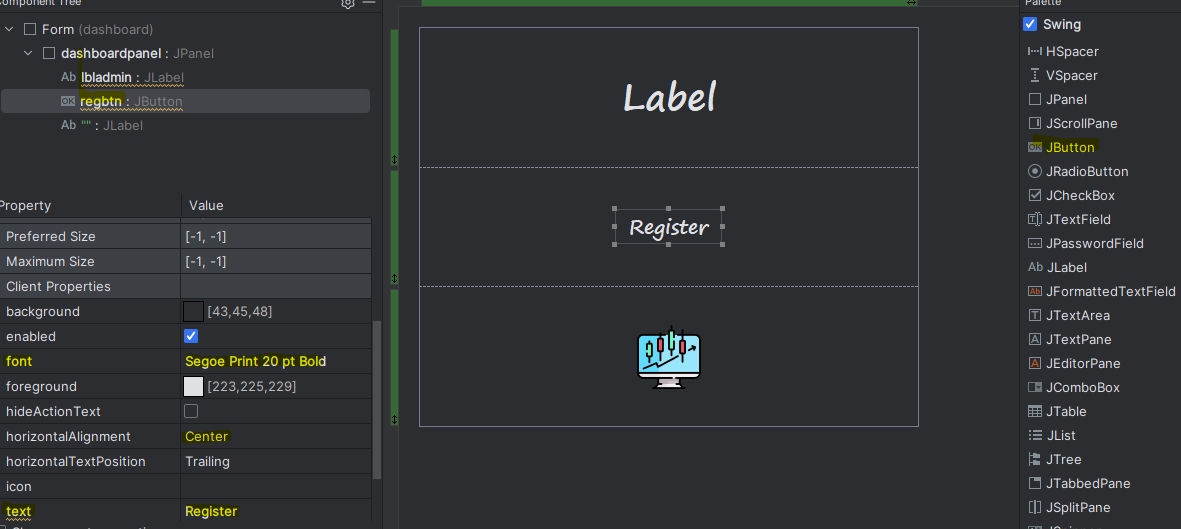
* Give name to form and click ok and your form is created.



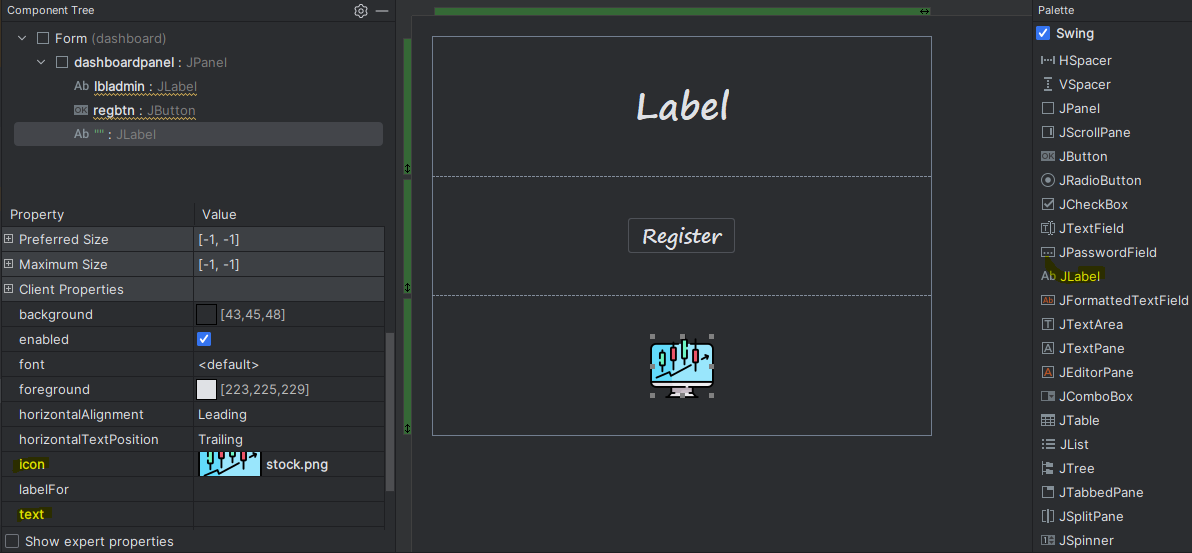
* Add label, give field name to label, set the font, align it to center but don’t set the name of label.



* Add button, give field name to button, set the font, align it to center and set name of button.

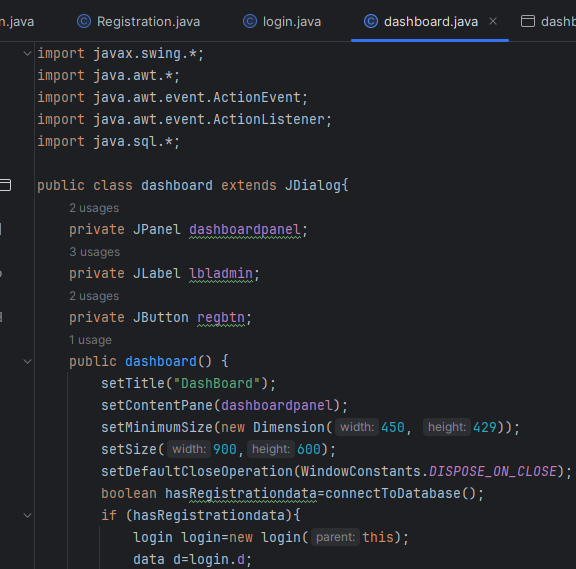


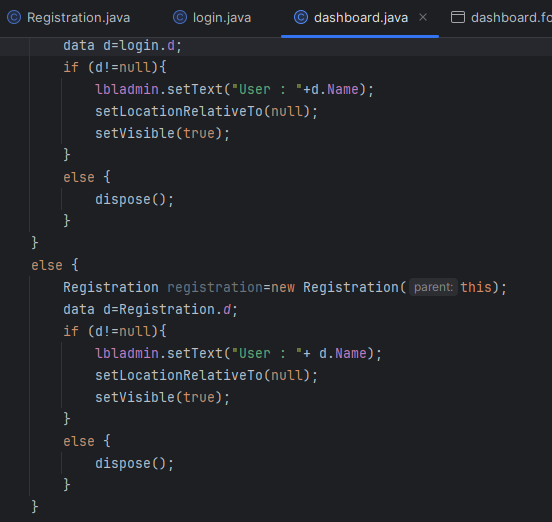
* Add Jlabel and add icon in it and align it to center.



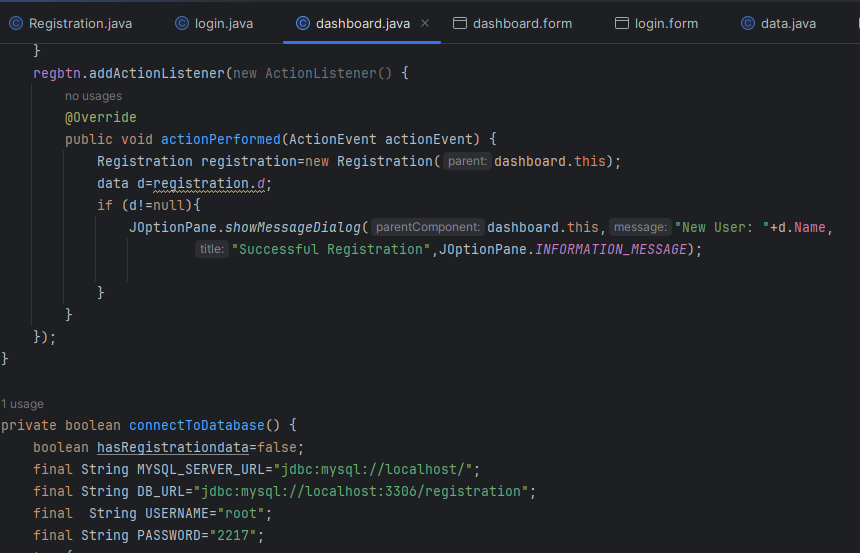
CODE FOR DASHBOARD CLASS



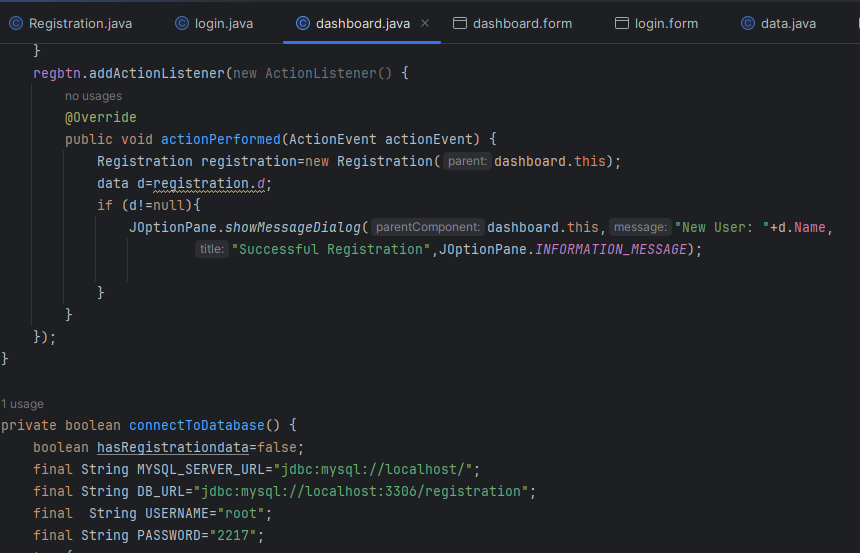


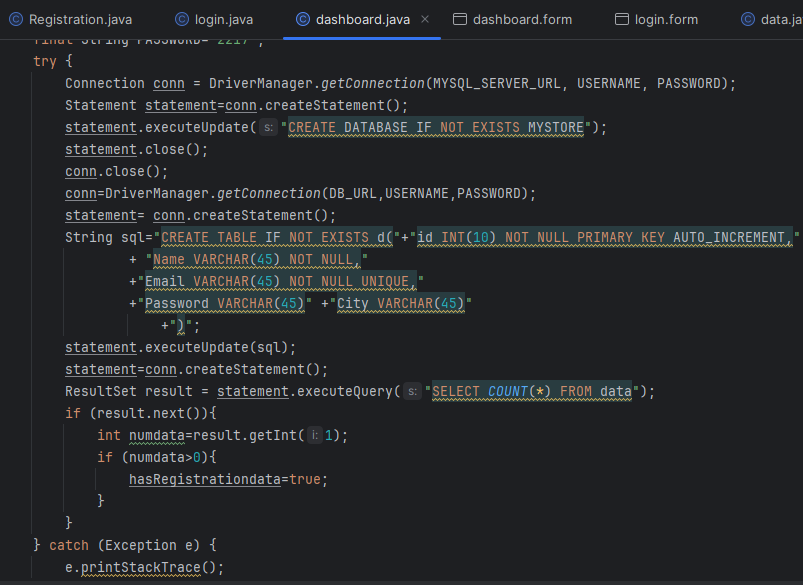


ADDING ACTION LISTERNER IN DASHBOARD

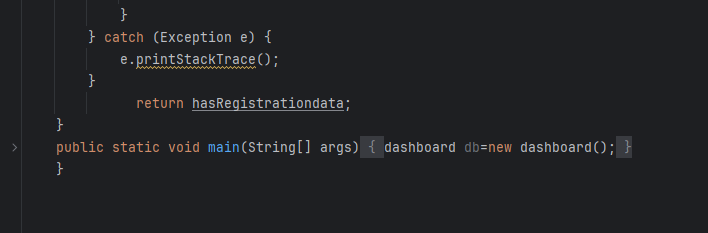


CONNECTING DATABSE WITH DASHBOARD CLASS





MAIN OF DASHBOARD CLASS



OUTPUT OF DASHBOARD

