FOOD PICASSO
ASSIGNMENT PHASE 3 – JDBC CONNECTIVITY

Source Code:-

```java
package foodpicassoproject;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import javafx.application.Application;
import javafx.beans.value.ChangeListener;
import javafx.beans.value.ObservableValue;
import javafx.collections.FXCollections;
import javafx.collections.ObservableList;
import javafx.event.ActionEvent;
import javafx.event.EventHandler;
import javafx.geometry.Insets;
import javafx.geometry.Pos;
import javafx.scene.Scene;
import javafx.scene.control.Button;
import javafx.scene.control.CheckBox;
import javafx.scene.control.ComboBox;
import javafx.scene.control.Label;
import javafx.scene.control.ListView;
import javafx.scene.control.MultipleSelectionModel;
import javafx.scene.control.PasswordField;
import javafx.scene.control.RadioButton;
import javafx.scene.control.ScrollPane;
import javafx.scene.control.SelectionMode;
import javafx.scene.control.Separator;
import javafx.scene.control.TextArea;
import javafx.scene.control.TextField;
import javafx.scene.control.ToggleButton;
import javafx.scene.control.ToggleGroup;
import javafx.scene.effect.Reflection;
import javafx.scene.image.Image;
import javafx.scene.image.ImageView;
import javafx.scene.layout.FlowPane;
import javafx.scene.layout.GridPane;
import javafx.scene.layout.HBox;
import javafx.scene.paint.Color;
import javafx.scene.text.Font;
import javafx.scene.text.Text;
import javafx.stage.Stage;

//Scene 1 coding part
public class FoodPicassoProject extends Application {
```

```java
    Scene scene1,scene2,scene3;
     String btn1=null;
      String btn2=null;

    ToggleGroup tg;
    TextArea ta;




    @Override
 public void start( final Stage primaryStage) {

      GridPane gp1 = new GridPane();
      gp1.setHgap(10);
      gp1.setVgap(10);
      gp1.setPadding(new Insets (25,25,25,25));

      final Scene scene1 = new Scene(gp1, 800, 900,Color.YELLOW);

      Image img1=new Image(getClass().getResourceAsStream("foodlogo1.png"));
      ImageView iv1=new ImageView(img1);
      iv1.setFitHeight(100);
      iv1.setFitWidth(100);
      iv1.setTranslateX(40);
      gp1.add(iv1, 0,0,2,1);
      Image img2=new Image(getClass().getResourceAsStream("food2.gif"));
      ImageView iv2=new ImageView(img2);
      iv2.setFitHeight(170);
      iv2.setFitWidth(170);
      iv2.setTranslateX(10);
      iv2.setTranslateY(160);
      gp1.add(iv2,0,0,2,1);
      Image img3=new Image(getClass().getResourceAsStream("food3.gif"));
      ImageView iv3=new ImageView(img3);
      iv3.setFitHeight(170);
      iv3.setFitWidth(170);
      iv3.setTranslateX(200);
      iv3.setTranslateY(160);
      gp1.add(iv3,0,0,2,1);
      Image img4=new Image(getClass().getResourceAsStream("food4.gif"));
      ImageView iv4=new ImageView(img4);
      iv4.setFitHeight(170);
      iv4.setFitWidth(170);
      iv4.setTranslateX(390);
      iv4.setTranslateY(160);
      gp1.add(iv4,0,0,2,1);
      Image img5=new Image(getClass().getResourceAsStream("food5.gif"));
      ImageView iv5=new ImageView(img5);
      iv5.setFitHeight(170);
      iv5.setFitWidth(170);
```

```java
iv5.setTranslateX(580);
iv5.setTranslateY(160);
gp1.add(iv5,0,0,2,1);
Label l1=new Label("FOOD PICASSO");
l1.setTranslateX(230);

l1.setFont(new Font("Jokerman",40));
l1.setTextFill(Color.RED);
Label slogan=new Label("** Deliciousness jumping into your mouth!! **");
slogan.setFont(new Font("Forte",20));
slogan.setTranslateX(185);
slogan.setTranslateY(40);
slogan.setStyle("-fx-text-fill:green;-fx-font-weight:italic");
Label about=new Label("ABOUT US");
about.setFont(new Font("Jokerman",25));
about.setStyle("-fx-font-weight:bold");
about.setTextFill(Color.GREEN);
about.setTranslateX(5);
about.setTranslateY(300);
about.setStyle("-fx-font-weight:bold");
Label contact=new Label("CONTACT");
contact.setFont(new Font("Jokerman",25));
contact.setStyle("-fx-font-weight:bold");
contact.setTextFill(Color.GREEN);
contact.setTranslateX(5);
contact.setTranslateY(550);
contact.setStyle("-fx-font-weight:bold");
Label address=new Label(
        "       Park Hyatt ,\n"+
        "       Lobby level ,\n"+
        "       Nungambakkam , Chennai - 06.\n"+
        "       Phone Number : 044 - 25977970."       );
address.setFont(new Font("Arial",18));

address.setTextFill(Color.RED);
address.setTranslateX(25);
address.setTranslateY(620);
address.setStyle("-fx-font-weight:bold");

Label log=new Label("Already a member?");
log.setStyle("-fx-text-fill:green;-fx-font-weight:bold");
log.setTranslateX(5);
log.setTranslateY(700);
Button btnlog = new Button("LOG IN");
btnlog.setTranslateX(30);
btnlog.setTranslateY(730);
btnlog.setMaxWidth(80);
btnlog.setMaxHeight(20);
btnlog.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
Label newuser=new Label("New User?");
```

```java
newuser.setStyle("-fx-text-fill:green;-fx-font-weight:bold");
newuser.setTranslateX(630);
newuser.setTranslateY(700);
Button btnsign=new Button("REGISTER");
btnsign.setTranslateX(620);
btnsign.setTranslateY(730);
btnsign.setMaxWidth(100);
btnsign.setMaxHeight(20);
btnsign.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
Label handle=new Label("This application is handled by Angeline Shruthi(18ucsa242)
and Madhubala(18ucsa243)");
handle.setTranslateX(50);
handle.setTranslateY(770);
handle.setTextFill(Color.BLACK);
handle.setStyle("-fx-font-weight:bold");
Label slabel=new Label("\n    Multiple Cuisine Seasonal Tastes : \n"+
        "        Indulge in casual all-day restaurant dining Food Picasso in
Nungambakam.\n"+
        "        Order from our menu or browse the buffet for diverse flavours from around
the globe.\n"+
        "        Sit back and enjoy your feast in a warm , welcoming atmosphere in
Chennai.\n"+
        "                    ** Reservation Required **\n"+
        "                    Open for breakfast , lunch , dinner\n"+
        "    Sunset Grill : \n"+
        "        Inspire your palate and elevate your mood with delicious cuisine and scenic
al fresco\n"+
        "        backdrop at Sunset Grill.Along with terrace seating , this vibrant restaurant
offers\n"+
        "        an open kitchen , poolside seating , an extensive wine list and a full bar\n"+
        "                    ** Reservation Required **\n"+
        "                    Open for dinner\n"+
        "    Deli Daily Treats :\n"+
        "        Ideal for on the-go travelers in Nungambakam , Daily Treats is a
convienient alternative to\n"+
        "        a hotel restaurant.It's your one-stop shop for a variety of deli favourites ,
from made-to-order\n"+
        "        sandwiches and gourmet salads to freshly baked pastries and cakes\n"+
        "                    ** Reservation Required **\n"+
        "                    Open for lunch and dinner.");
slabel.setFont(new Font("Arial",17));
slabel.setTextFill(Color.RED);
ScrollPane scroll = new ScrollPane();
scroll.setContent(slabel);
scroll.setPrefViewportWidth(300);
scroll.setPrefViewportHeight(0);
scroll.setPannable(true);
scroll.setTranslateX(70);
scroll.setTranslateY(420);
```

```java
gp1.getChildren().addAll(l1,slogan,about,contact,address,log,btnlog,newuser,btnsign,handle,s
label,scroll);

    //-------------------------------------------------------------------------------------------------
--------
    GridPane gproot1 = new GridPane();
    gproot1.setHgap(10);
    gproot1.setVgap(10);
    gproot1.setPadding(new Insets (25,25,25,25));

    final Scene scene02 = new Scene(gproot1,790, 950,Color.YELLOW);



    Text title1 = new Text("FOOD PICASSO - REGISTER");
    title1.setFont(new Font("Jokerman",30));
    title1.setFill(Color.RED);
    gproot1.add(title1, 0,0,2,1);


    Label username1 = new Label("Firstname");
    gproot1.add(username1,0,1);
    username1.setTextFill(Color.DARKGREEN);
    username1.setStyle("-fx-font-weight:bold");


  final TextField usertext1 = new TextField();
  usertext1.setTranslateX(167);
  usertext1.setTranslateY(45);
   usertext1.setPromptText("Enter your firstname");
   usertext1.setMaxWidth(300);


    Label lname = new Label("Lastname");
    gproot1.add(lname,0,3);
    lname .setTextFill(Color.DARKGREEN);
    lname .setStyle("-fx-font-weight:bold");


  final TextField usertext2 = new TextField();
   usertext2.setTranslateX(167);
   usertext2.setTranslateY(85);
    usertext2.setPromptText("Enter your lastname");
    usertext2.setMaxWidth(300);

    Label gender = new Label("Gender");
    gproot1.add(gender,0,4);
   gender .setTextFill(Color.DARKGREEN);
    gender .setStyle("-fx-font-weight:bold");
```

```java
   final RadioButton male=new RadioButton("Male");
   final RadioButton female=new RadioButton("Female");
   final ToggleGroup tg1=new ToggleGroup();
   male.setToggleGroup(tg1);
   female.setToggleGroup(tg1);
   male.setTranslateX(167);
   male.setTranslateY(120);
   female.setTranslateX(300);
   female.setTranslateY(120);

   Label email = new Label("Email");
   gproot1.add(email,0,5);
  email .setTextFill(Color.DARKGREEN);
   email .setStyle("-fx-font-weight:bold");

   final TextField usertext3 = new TextField();
  usertext3.setTranslateX(167);
   usertext3.setTranslateY(150);
   usertext3.setPromptText("Enter your Email");
   usertext3.setMaxWidth(300);

   Label pass = new Label("Password");
   gproot1.add(pass,0,6);
   pass.setTextFill(Color.DARKGREEN);
   pass.setStyle("-fx-font-weight:bold");

   final PasswordField usertext4 = new PasswordField();
 usertext4.setTranslateX(167);
   usertext4.setTranslateY(180);
   usertext4.setPromptText("Enter your password");
   usertext4.setMaxWidth(300);

   Label cnfpass = new Label("Confirm Password");
   gproot1.add(cnfpass,0,7);
   cnfpass.setTextFill(Color.DARKGREEN);
   cnfpass.setStyle("-fx-font-weight:bold");

   final PasswordField usertext5 = new PasswordField();
  usertext5.setTranslateX(167);
   usertext5.setTranslateY(210);
   usertext5 .setPromptText("Enter your password again");
   usertext5.setMaxWidth(300);
   Label state = new Label("State");
   gproot1.add( state,0,9);
    state.setTextFill(Color.DARKGREEN);
   state.setStyle("-fx-font-weight:bold");
```

```java
ObservableList<String>obstate=FXCollections.observableArrayList("Tamilnadu","Kerala","
Andhra Pradesh","Telegana","Karnataka","Maharashtra");
    final ComboBox cmbstate=new ComboBox<String>(obstate);
    cmbstate.setValue("Select your state");
    cmbstate.setTranslateX(167);
    cmbstate.setTranslateY(250);
    final Label response1=new Label();
    response1.setTranslateX(510);
    response1.setTranslateY(250);
    response1.setTextFill(Color.RED);
    response1.setStyle("-fx-font-weight:bold");
    cmbstate.setOnAction(new EventHandler<ActionEvent>(){
      @Override
      public void handle(ActionEvent ae){
        response1.setText("You have selected : "+cmbstate.getValue());
      }
    });

    Label city = new Label("City");
     gproot1.add( city,0,10);
      city.setTextFill(Color.DARKGREEN);
    city.setStyle("-fx-font-weight:bold");

ObservableList<String>obcity=FXCollections.observableArrayList("Chennai","Cochin","Hy
derabad","Mumbai","Bangalore","Calcutta");
    final ComboBox cmbcity=new ComboBox<String>(obcity);
    cmbcity.setValue("Select your city");
    cmbcity.setTranslateX(167);
    cmbcity.setTranslateY(280);
    final Label response2=new Label();
    response2.setTranslateX(510);
    response2.setTranslateY(280);
    response2.setTextFill(Color.RED);
    response2.setStyle("-fx-font-weight:bold");
   cmbcity.setOnAction(new EventHandler<ActionEvent>(){
      @Override
      public void handle(ActionEvent ae){
      response2.setText("You have selected : "+cmbcity.getValue());
    }

    });

    Label phn = new Label("Phone  Number");
     gproot1.add( phn,0,12);
      phn.setTextFill(Color.DARKGREEN);
```

```java
phn.setStyle("-fx-font-weight:bold");

    final TextField usertext6  = new TextField();
   usertext6.setTranslateX(167);
 usertext6.setTranslateY(320);
 usertext6 .setPromptText("Enter your Phone Number");
 usertext6.setMaxWidth(300);
 final CheckBox chk=new CheckBox();
 chk.setText("I accept the terms and conditions");
 chk.setTranslateX(10);
 chk.setTranslateY(360);
 chk.setTextFill(Color.RED);
 chk.setStyle("-fx-font-weight:bold");


 Button btnok=new Button("OK");
  btnok.setTranslateX(290);
 btnok.setTranslateY(400);

 Label details=new Label("Your entered details :");
 details.setTranslateX(5);
 details.setTranslateY(560);
 details.setTextFill(Color.RED);
 details.setFont(new Font("Jokerman",20));
 details.setStyle("-fx-font-weight:bold");

 final TextArea ta1=new TextArea();
 ta1.setMaxHeight(200);
 ta1.setMaxWidth(1000);
 gproot1.add(ta1,0,35);

 Button btnsignin = new Button("SIGN UP");
 btnsignin.setAlignment(Pos.BOTTOM_LEFT);
 btnsignin.setTranslateY(730);
 HBox hbox1 = new HBox(10);
 hbox1.setAlignment(Pos.BOTTOM_RIGHT);
 hbox1.getChildren().add(btnsignin);
 gproot1.add(hbox1, 1,4);

 Button btnback = new Button("BACK");
 btnback.setAlignment(Pos.BOTTOM_LEFT);
 btnback.setTranslateX(1);
 btnback.setTranslateY(730);
 HBox hbox2 = new HBox(10);
 hbox2.setAlignment(Pos.BOTTOM_LEFT);
 hbox2.getChildren().add(btnback);
 gproot1.add(hbox2, 0,4);
```

```java
final Label output_text_fname = new Label();
output_text_fname.setTranslateX(510);
output_text_fname.setTranslateY(40);
output_text_fname.setTextFill(Color.RED);
output_text_fname.setStyle("-fx-font-weight:bold");
final Label output_text_lname = new Label();
output_text_lname.setTranslateX(510);
output_text_lname.setTranslateY(85);
output_text_lname.setTextFill(Color.RED);
output_text_lname.setStyle("-fx-font-weight:bold");
final Label output_text_gender = new Label();
output_text_gender.setTranslateX(510);
output_text_gender.setTranslateY(120);
output_text_gender.setTextFill(Color.RED);
output_text_gender.setStyle("-fx-font-weight:bold");
final Label output_text_email = new Label();
output_text_email.setTranslateX(510);
output_text_email.setTranslateY(150);
output_text_email.setTextFill(Color.RED);
output_text_email.setStyle("-fx-font-weight:bold");
final Label output_text_pass = new Label();
output_text_pass.setTranslateX(510);
output_text_pass.setTranslateY(180);
output_text_pass.setTextFill(Color.RED);
output_text_pass.setStyle("-fx-font-weight:bold");
final Label output_text_confirmpass = new Label();
output_text_confirmpass.setTranslateX(510);
output_text_confirmpass.setTranslateY(210);
output_text_confirmpass.setTextFill(Color.RED);
output_text_confirmpass.setStyle("-fx-font-weight:bold");
final Label output_text_mobile = new Label();
output_text_mobile.setTranslateX(510);
output_text_mobile.setTranslateY(320);
output_text_mobile.setTextFill(Color.RED);
output_text_mobile.setStyle("-fx-font-weight:bold");
 final Label output_text_checkbox=new Label();
output_text_checkbox.setTranslateX(510);
output_text_checkbox.setTranslateY(360);
output_text_checkbox.setTextFill(Color.RED);
output_text_checkbox.setStyle("-fx-font-weight:bold");
 final Label output_text_textarea=new Label();
output_text_textarea.setTranslateX(150);
output_text_textarea.setTranslateY(830);
output_text_textarea.setTextFill(Color.RED);
output_text_textarea.setStyle("-fx-font-weight:bold");
```

```java
 Button insert2 = new Button("INSERT");
insert2.setTranslateX(220);
insert2.setTranslateY(500);
Button update2=new Button("UPDATE");
update2.setTranslateX(110);
update2.setTranslateY(500);

Button delete2 = new Button("DELETE");
delete2.setTranslateX(10);
delete2.setTranslateY(500);
Button select2=new Button("SELECT");
select2.setTranslateX(320);
select2.setTranslateY(500);

Button id2 = new Button("SELECT USING ID");
id2.setTranslateX(420);
id2.setTranslateY(500);
Button clear2=new Button("CLEAR");
clear2.setTranslateX(600);
clear2.setTranslateY(500);




btnsignin.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
btnback.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
btnok.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
insert2.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
 select2.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
  update2.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
    delete2.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
     id2.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
      clear2.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");

        male.setOnAction(new EventHandler<ActionEvent>() {
      @Override
          public void handle(ActionEvent event) {
            btn1=male.getText();
            System.out.println(btn1);


          }
    });
        female.setOnAction(new EventHandler<ActionEvent>() {
      @Override
```

```java
        public void handle(ActionEvent event) {
          btn2=female.getText();
          System.out.println(btn2);


        }
    });


      insert2.setOnAction(new EventHandler<ActionEvent>() {
      @Override
      public void handle(ActionEvent event) {
        Connection con=null;
        PreparedStatement ps=null;
        try{
          String btn1 = null;
            if(male.isSelected()){
                  btn1=male.getText();
            }
            if(female.isSelected()){
               btn1=female.getText();
            }
          Class.forName("org.apache.derby.jdbc.ClientDriver");

con=DriverManager.getConnection("jdbc:derby://localhost:1527/Food_picasso","shru","shru
");
          ps=con.prepareStatement("Insert into
FOODPICASSOSIGNUP(Firstname,Lastname,Gender,EmailID,Password,State,City,Phonen
o) values(?,?,?,?,?,?,?,?)");
          ps.setString(1,(usertext1.getText()));
          ps.setString(2,(usertext2.getText()));
          if(male.isSelected())
            ps.setString(3,(male.getText()));
          else
            ps.setString(3, (female.getText()));

          ps.setString(4, (usertext3.getText()));
          ps.setString(5, (usertext4.getText()));
          ps.setString(6, (String) (cmbstate.getValue()));
          ps.setString(7, (String) (cmbcity.getValue()));
          ps.setString(8,(String) (usertext6.getText()));
        ps.executeUpdate();
            System.out.println("inserted sucessfully!");
          }
      catch(Exception e){
            System.out.println("insertion error!"+e);
          }
      }
    });

      update2.setOnAction(new EventHandler<ActionEvent>() {
```

```java
        @Override
        public void handle(ActionEvent event) {
           Connection con=null;
          PreparedStatement ps=null;
        try{
          Class.forName("org.apache.derby.jdbc.ClientDriver");

con=DriverManager.getConnection("jdbc:derby://localhost:1527/Food_picasso","shru","shru
");
            ps=con.prepareStatement("Update FOODPICASSOSIGNUP set Firstname=?
where Phoneno=?");
             ps.setString(1,(usertext1.getText()));

             ps.setString(2,(String) (usertext6.getText()));
            ps.executeUpdate();
                System.out.println("Updated sucessfully!");
              }
          catch(Exception e){
              System.out.println("Updation error!"+e);
              }
          }
      });

        delete2.setOnAction(new EventHandler<ActionEvent>() {
        @Override
            public void handle(ActionEvent event) {
        Connection con=null;
          PreparedStatement ps=null;
        try{
          Class.forName("org.apache.derby.jdbc.ClientDriver");

con=DriverManager.getConnection("jdbc:derby://localhost:1527/Food_picasso","shru","shru
");
            PreparedStatement ps1 =con.prepareStatement("delete from
FOODPICASSOSIGNUP where Phoneno=?");
            ps1.setString(1,(usertext6.getText()));
                        ps1.executeUpdate();
                            System.out.println("Deleted successfully!");

            }catch(Exception e){
                    System.out.println("Delete error!"+e);

              }
          }
          });


        select2.setOnAction(new EventHandler<ActionEvent>() {
```

```java
        @Override
        public void handle(ActionEvent event) {
           try {


                Connection con = null;
                 Class.forName("org.apache.derby.jdbc.ClientDriver");

con=DriverManager.getConnection("jdbc:derby://localhost:1527/Food_picasso","shru","shru
");
                PreparedStatement ps3 =con.prepareStatement("select
Firstname,Lastname,Gender,EmailID,Password,State,City,Phoneno from
FOODPICASSOSIGNUP");
                ResultSet rs = ps3.executeQuery();
                              ta1.appendText("Firstname \t Lastname \t Gender \t EmailID \t
Password \t State \t City \t Phoneno\n");

                   while(rs.next()){
                     String Firstname =rs.getString("Firstname");
                      String Lastname=rs.getString("Lastname");
                      String Gender=rs.getString("Gender");
                      String EmailID =rs.getString("EmailID");
                      String Password =rs.getString("Password");
                      String State =rs.getString("State");
                      String City =rs.getString("City");
                      String Phoneno =rs.getString("Phoneno");

ta1.appendText(""+Firstname+"\t"+Lastname+"\t"+Gender+"\t"+EmailID+"\t"+Password+"\t
"
                       +State+ "\t"+City+"\t" +Phoneno+"\n");

                   }
                              System.out.println("selected sucessfully!");

            } catch(Exception e){
                System.out.println(" select error!"+e);

            }

        }


        });

         id2.setOnAction(new EventHandler<ActionEvent>() {
         @Override
         public void handle(ActionEvent event) {
            try{
              Class.forName("org.apache.derby.jdbc.ClientDriver");
```

```java
            Connection
con=DriverManager.getConnection("jdbc:derby://localhost:1527/Food_picasso","shru","shru
");
            PreparedStatement ps4 =con.prepareStatement("select * from
FOODPICASSOSIGNUP where Phoneno=?");
            ps4.setString(1,(usertext6.getText()));
            ResultSet rs = ps4.executeQuery();
            while(rs.next()){
                    String Firstname =rs.getString("Firstname");
                    String Lastname=rs.getString("Lastname");
                    String Gender=rs.getString("Gender");
                    String EmailID =rs.getString("EmailID");
                    String Password =rs.getString("Password");
                    String State =rs.getString("State");
                    String City =rs.getString("City");
                    String Phoneno =rs.getString("Phoneno");
                    ta1.appendText("Firstname :"+Firstname+"\n"+
                        "Lastname :"+Lastname+"\n"+
                        "Gender :" +Gender+"\n"+
                        "Email ID :"+EmailID+"\n"+
                        "Password : "+Password+"\n"+
                        "State : "+State+"\n"+
                        "City : "+City+"\n"+
                        "Phone number : "+Phoneno);
            }

                        System.out.println("Select id sucessfully!");

            }catch(Exception e){
                    System.out.println("Select id error!"+e);


            }
        }
        });

        clear2.setOnAction(new EventHandler<ActionEvent>() {

        @Override
        public void handle(ActionEvent event) {
            usertext1.clear();
            usertext2.clear();

            usertext3.clear();
            usertext4.clear();
            usertext5.clear();

            usertext6.clear();
            ta1.clear();
            System.out.println("All the contents are clear");
```

```java
        }


    });


gproot1.getChildren().addAll(insert2,update2,delete2,id2,select2,clear2,usertext1,usertext2,m
ale,female,usertext3,usertext4,usertext5,chk,btnok,details,cmbstate,cmbcity,response1,respon
se2,usertext6,output_text_fname,output_text_lname,output_text_gender,output_text_email,ou
tput_text_pass,output_text_confirmpass,output_text_mobile,output_text_checkbox,output_te
xt_textarea);

    btnok.setOnAction(new EventHandler<ActionEvent>() {
        @Override
        public void handle(ActionEvent event) {
            RadioButton gender=(RadioButton) tg1.getSelectedToggle();

            if(usertext1.getText().isEmpty()){
                output_text_fname.setText("* Please fill your Firstname");
        }
            if(usertext2.getText().isEmpty()){
            output_text_lname.setText("* Please fill your Lastname");
        }
            if(male.isSelected()==false&&female.isSelected()==false){
                output_text_gender.setText("* Please select a gender");
            }
             if(usertext3.getText().isEmpty()){
            output_text_email.setText("* Please enter an Email ID");
        }
             if(usertext4.getText().isEmpty()){
            output_text_pass.setText("* Please enter a password");
        }
              if(usertext5.getText().isEmpty()){
            output_text_confirmpass.setText("* Please confirm your password");
        }
               if(usertext6.getText().isEmpty()){
            output_text_mobile.setText("* Please enter your mobile number");
            }
        if(!chk.isSelected()){
            output_text_checkbox.setText("* Please tick the checkbox");
        }
        else {
         ta1.setText("Firstname : "+usertext1.getText()+
                "\nLastname : "+usertext2.getText()+
                "\nGender : "+gender.getText()+
                "\nEmail ID : "+usertext3.getText()+
                "\nPassword : "+usertext4.getText()+
                "\nPhone Number : "+usertext6.getText());
        }
        }
```

```java
        });
    btnsign.setOnAction(new EventHandler<ActionEvent>() {
        @Override
        public void handle(ActionEvent event) {

            primaryStage.setScene(scene02);


        }
    });


    btnback.setOnAction(new EventHandler<ActionEvent>() {
        @Override
        public void handle(ActionEvent event) {
            primaryStage.setScene(scene1);
        }
    });
```

    //Scene 2 coding part--

```java
    GridPane gproot = new GridPane();
    gproot.setHgap(10);
    gproot.setVgap(10);
    gproot.setPadding(new Insets (25,25,25,25));



    final Scene scene2 = new Scene(gproot, 750, 850,Color.YELLOW);



    Text title = new Text("Welcome to FOOD PICASSO");
    title.setFont(new Font("Jokerman",40));
    title.setFill(Color.RED);
    title.setTranslateX(35);
    title.setTranslateY(10);



    final Label username = new Label("Username");
    username.setTranslateX(90);
    username.setTranslateY(60);
    username.setTextFill(Color.DARKGREEN);
    username.setStyle("-fx-font-weight:bold");
```

```java
final Label password = new Label("Password");
password.setTranslateX(90);
password.setTranslateY(110);
password.setTextFill(Color.DARKGREEN);
password.setStyle("-fx-font-weight:bold");


final TextField usertext = new TextField();
usertext.setPromptText("Enter your username");
usertext.setTranslateX(200);
usertext.setTranslateY(60);
usertext.setMaxWidth(300);

final PasswordField passtext = new PasswordField();
passtext.setPromptText("Enter your password");
passtext.setTranslateX(200);
passtext.setTranslateY(110);
passtext.setMaxWidth(300);

Button btn2 = new Button("LOG IN");
 btn2.setTranslateX(335);
btn2.setTranslateY(170);
Button btn3=new Button("BACK");
btn3.setTranslateX(145);
btn3.setTranslateY(170);

Button insert1 = new Button("INSERT");
insert1.setTranslateX(220);
insert1.setTranslateY(250);
Button update1=new Button("UPDATE");
update1.setTranslateX(110);
update1.setTranslateY(250);

Button delete1 = new Button("DELETE");
delete1.setTranslateX(10);
delete1.setTranslateY(250);
Button select1=new Button("SELECT");
select1.setTranslateX(320);
select1.setTranslateY(250);

Button id1 = new Button("SELECT USING ID");
id1.setTranslateX(420);
id1.setTranslateY(250);
Button clear1=new Button("CLEAR");
clear1.setTranslateX(600);
clear1.setTranslateY(250);

final TextArea t1=new TextArea();
```

```java
        t1.setTranslateX(10);
        t1.setTranslateY(450);




        final Text outputtext = new Text();

        outputtext.setTranslateX(100);
        outputtext.setTranslateY(260);
        outputtext.setFont(new Font("Arial",30));
insert1.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
        select1.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
         update1.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-
weight:bold");
          delete1.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-
weight:bold");
           id1.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
            clear1.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-
weight:bold");
        btn2.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");

        btn3.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");



        btnlog.setOnAction(new EventHandler<ActionEvent>() {
          @Override
          public void handle(ActionEvent event) {
            primaryStage.setScene(scene2);
          }
        });

        insert1.setOnAction(new EventHandler<ActionEvent>() {
          @Override
          public void handle(ActionEvent event) {
            Connection con=null;
            PreparedStatement ps=null;
            try{
               Class.forName("org.apache.derby.jdbc.ClientDriver");

con=DriverManager.getConnection("jdbc:derby://localhost:1527/Food_picasso","shru","shru
");
```

```java
            ps=con.prepareStatement("Insert into
FOODPICASSOLOGIN(Username,Password) values(?,?)");
            ps.setString(1,(usertext.getText()));
            ps.setString(2,(passtext.getText()));

                ps.executeUpdate();
                 System.out.println("Inserted sucessfully!");


                }
         catch(Exception e){
                System.out.println("Insertion error!"+e);
              }


          }
       });


    update1.setOnAction(new EventHandler<ActionEvent>() {
       @Override
       public void handle(ActionEvent event) {
       try{
         Class.forName("org.apache.derby.jdbc.ClientDriver");
             Connection
con=DriverManager.getConnection("jdbc:derby://localhost:1527/Food_picasso","shru","shru
");
         PreparedStatement ps2 =con.prepareStatement("update FOODPICASSOLOGIN set
Username=? where Password=?");
               ps2.setString(1,(usertext.getText()));
               ps2.setString(2,(passtext.getText()));
                ps2.executeUpdate();
                System.out.println("Update sucessfully!");
       }catch(Exception e){
                    System.out.println("Update error!"+e);
       }
       }
       });

    delete1.setOnAction(new EventHandler<ActionEvent>() {
       @Override
       public void handle(ActionEvent event) {
          try{
           Class.forName("org.apache.derby.jdbc.ClientDriver");
            Connection
con=DriverManager.getConnection("jdbc:derby://localhost:1527/Food_picasso","shru","shru
");
            PreparedStatement ps1 =con.prepareStatement("delete from
FOODPICASSOLOGIN where Username=?");
            ps1.setString(1,(usertext.getText()));
            ps1.executeUpdate();
            System.out.println("Deleted successfully!");
```

```java
        }catch(Exception e){
                System.out.println("Delete error!"+e);


            }
        }
        });

    id1.setOnAction(new EventHandler<ActionEvent>() {
        @Override
        public void handle(ActionEvent event) {
            try{
             Class.forName("org.apache.derby.jdbc.ClientDriver");
             Connection
con=DriverManager.getConnection("jdbc:derby://localhost:1527/Food_picasso","shru","shru
");
             PreparedStatement ps4 =con.prepareStatement("select * from
FOODPICASSOLOGIN where Username=?");
             ps4.setString(1,(usertext.getText()));

             ResultSet rs = ps4.executeQuery();
              t1.appendText("Username   \t   \t   Password "+"\n");
             while(rs.next()){
                 String username =rs.getString("Username");
                 String password=rs.getString("Password");
                 t1.appendText(""+username+"\t"+"\t"+"\t"+"\t"+password);
             }
              System.out.println("Select ID sucessfully!");

            }catch(Exception e){
                    System.out.println("select id error!"+e);
                }
        }
        });

     select1.setOnAction(new EventHandler<ActionEvent>() {
       @Override
       public void handle(ActionEvent event) {
          try {
            Class.forName("org.apache.derby.jdbc.ClientDriver");
            Connection con = null;

con=DriverManager.getConnection("jdbc:derby://localhost:1527/Food_picasso","shru","shru
");
             PreparedStatement ps3 =con.prepareStatement("select Username , Password
from FOODPICASSOLOGIN");
             ResultSet rs = ps3.executeQuery();
              t1.appendText("Username   \t   \t\t\t\t   Password "+"\n");
                while(rs.next()){
                    String username =rs.getString("Username");
```

```java
                    String password=rs.getString("Password");
                    t1.appendText(""+username+    "\t"+   "\t"+     "\t"+          "\t"+password+
"\n");
                }
                    System.out.println("Selected sucessfully!");
                } catch(Exception e){
                System.out.println(" Select error!"+e);
                }
            }
        });

        clear1.setOnAction(new EventHandler<ActionEvent>() {

         @Override
         public void handle(ActionEvent event) {
            usertext.clear();
            passtext.clear();
            t1.clear();
            System.out.println("All the contents are clear");
         }


        });

gproot.getChildren().addAll(title,username,usertext,password,passtext,btn3,btn2,outputtext,insert1,update1,delete1,select1,id1,clear1,t1);



    //Scene 3 coding part---------------------------------------------------------------------

    GridPane fpr=new GridPane();
    fpr.setHgap(10);
    fpr.setVgap(10);
    fpr.setPadding(new Insets (25,25,25,25));

    final Scene scene3=new Scene(fpr,800,730,Color.YELLOW);


    Label label=new Label("FOOD PICASSO - MENUS");
    label.setFont(new Font("Jokerman",45));
    label.setTextFill(Color.RED);
    fpr.add(label,0,0,2,1);

    final RadioButton Icuisine=new RadioButton("Chettinaad");
    fpr.add(Icuisine,0, 2);
    Icuisine.setTextFill(Color.GREEN);
    Icuisine.setStyle("-fx-font-weight:bold");
    final Label res1=new Label();
    res1.setTranslateX(400);
    res1.setTranslateY(100);
```

```java
    ObservableList<String> indcui=FXCollections.observableArrayList("Mutton Briyani  -
Rs.200","Chicken Briyani  -  Rs.100","Chilly egg  -  Rs.85","Chicken alu  -
Rs.65","Shawarma  -  Rs.95");
    final ListView<String> listindian=new ListView<String>(indcui);
    listindian.setPrefSize(180,80);
    listindian.setTranslateX(150);
    listindian.setTranslateY(100);


    listindian.getSelectionModel().setSelectionMode(SelectionMode.MULTIPLE);

   final RadioButton icuisine=new RadioButton("Vegetarian Meals");
    fpr.add(icuisine,0, 12);
    icuisine.setTextFill(Color.GREEN);
    icuisine.setStyle("-fx-font-weight:bold");
    final Label res3=new Label();
    res3.setTranslateX(400);
    res3.setTranslateY(200);


    ObservableList<String> itacui=FXCollections.observableArrayList("Sambar rice  -
Rs.85","Curd rice  -  Rs.30","Kara Kuzhambu  -  Rs.50","Potato Fry  -  Rs.25","Appalam &
Pickle  - Rs.15");

    final ListView<String> listitaly=new ListView<String>(itacui);
    listitaly.setPrefSize(210,80);
    listitaly.setTranslateX(180);
    listitaly.setTranslateY(220);



    listitaly.getSelectionModel().setSelectionMode(SelectionMode.MULTIPLE);



   Label quantity=new Label("Quantity(Food Combo) : ");
    quantity.setTextFill(Color.GREEN);
    quantity.setStyle("-fx-font-weight:bold");
    quantity.setTranslateY(360);

    final TextField tfqty=new TextField();
    tfqty.setTranslateX(185);
    tfqty.setTranslateY(360);
    tfqty.setMaxWidth(50);
```

```java
Button btnselect=new Button("Confirm Order");
btnselect.setTranslateX(250);
btnselect.setTranslateY(430);
btnselect.setMaxWidth(130);
btnselect.setMaxHeight(20);
btnselect.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");

Label tax=new Label("** Inclusive of all taxes **");
tax.setTextFill(Color.GREEN);
tax.setFont(new Font(20));
tax.setStyle("-fx-font-weight:bold");
tax.setTranslateX(200);
tax.setTranslateY(470);

Button back=new Button("BACK");
back.setTextFill(Color.GREEN);
back.setMaxWidth(70);
back.setMaxHeight(20);
back.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
back.setTranslateY(610);
Button pay=new Button("PAYMENT");
pay.setTextFill(Color.GREEN);
pay.setMaxWidth(120);
pay.setMaxHeight(20);
pay.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
pay.setTranslateX(520);
pay.setTranslateY(610);
back.setOnAction(new EventHandler<ActionEvent>() {
   @Override
   public void handle(ActionEvent event) {
      primaryStage.setScene(scene2);
   }
});

Label amt=new Label("Total Amount : ");
amt.setTextFill(Color.GREEN);
amt.setStyle("-fx-font-weight:bold");
amt.setTranslateX(310);
amt.setTranslateY(520);
final TextField tf1=new TextField();
tf1.setTranslateX(430);
tf1.setTranslateY(520);
Label mask=new Label("Do you need mask or sanitizers ? ");
mask.setTextFill(Color.GREEN);
mask.setStyle("-fx-font-weight:bold");
mask.setTranslateY(570);
final ToggleButton yesno=new ToggleButton("Yes / No");
yesno.setTranslateX(250);
yesno.setTranslateY(570);
```

```java
        final Label res4=new Label();
        res4.setTranslateX(350);
        res4.setTranslateY(570);
        res4.setStyle("-fx-font-weight:bold");
        yesno.setOnAction(new EventHandler<ActionEvent>() {
            @Override
            public void handle(ActionEvent event){
             if(yesno.isSelected())
                res4.setText("Yes , I need masks and sanitizers");
             else
                res4.setText("Sorry , I don't need any of it");
            }
        });
        listindian.setVisible(false);
        listitaly.setVisible(false);
        Icuisine.setOnAction(new EventHandler<ActionEvent>() {
           @Override
              public void handle(ActionEvent event) {
                  listindian.setVisible(true);
                  listitaly.setVisible(false);
              }
        });
        icuisine.setOnAction(new EventHandler<ActionEvent>() {
           @Override
              public void handle(ActionEvent event) {
                  listitaly.setVisible(true);
                  listindian.setVisible(false);
              }
        });




fpr.getChildren().addAll(listindian,res1,listitaly,res3,quantity,tfqty,btnselect,tax,back,pay,amt
,tf1,mask,yesno,res4);

     final ToggleGroup tg2=new ToggleGroup();
    Icuisine.setToggleGroup(tg2);
    icuisine.setToggleGroup(tg2);
  //----------------




     btnselect.setOnAction(new EventHandler<ActionEvent>() {
        int qty1=1,qty2=2,qty3=3,qty4=4,qty5=5,total1=545,total2=205;
        @Override
         public void handle(ActionEvent event){
              if(Icuisine.isSelected()==true){
```

```java
            switch(tfqty.getText()){
               case "1" :
                  tf1.setText("Rs."+qty1*total1);
                  break;
                  case "2" :
                  tf1.setText("Rs."+qty2*total1);
                  break;
                     case "3" :
                  tf1.setText("Rs."+qty2*total1);
                  break;
                        case "4" :
                  tf1.setText("Rs."+qty2*total1);
                  break;
                           case "5" :
                  tf1.setText("Rs."+qty2*total1);
                  break;
               }
            }


            if(icuisine.isSelected()==true){
             switch(tfqty.getText()){
               case "1" :
                  tf1.setText("Rs."+qty1*total2);
                  break;
                  case "2" :
                  tf1.setText("Rs."+qty2*total2);
                  break;
                     case "3" :
                  tf1.setText("Rs."+qty2*total2);
                  break;
                        case "4" :
                  tf1.setText("Rs."+qty2*total2);
                  break;
                           case "5" :
                  tf1.setText("Rs."+qty2*total2);
                  break;
               }
            }

        }
  });

btn3.setOnAction(new EventHandler<ActionEvent>() {
     @Override
     public void handle(ActionEvent event){
      primaryStage.setScene(scene1);
     }
});
btnsignin.setOnAction(new EventHandler<ActionEvent>() {
```

```java
            @Override
            public void handle(ActionEvent event) {
                if(ta1.getText().isEmpty()){
                    output_text_textarea.setText("PLEASE FILL YOUR DETAILS");

                }
                else{
                    primaryStage.setScene(scene3);
                }
        }});
        btn2.setOnAction(new EventHandler<ActionEvent>() {
                @Override
                public void handle(ActionEvent event){
            outputtext.setFill(Color.GREEN);
            if((!usertext.getText().isEmpty())){
                outputtext.setText("Welcome   " + usertext.getText());
                primaryStage.setScene(scene3);
            }
            else{
                outputtext.setText("Kindly please fill your details");
            }

         }});
        //----------------------------------------------------------------------------------------------------------
-----------------------------------------
        final GridPane gp5=new GridPane();
        final Scene scene05=new Scene(gp5,700,950,Color.YELLOW);
        Label payheading=new Label("FOOD PICASSO - PAYMENT");
        payheading.setFont(new Font("Jokerman",45));
        payheading.setTranslateX(25);
        payheading.setTranslateY(15);
        payheading.setTextFill(Color.RED);
        payheading.setStyle("-fx-font-weight:bold");

        Label paylabel1=new Label("Select your payment mode :");
        paylabel1.setFont(new Font("Arial",18));
        paylabel1.setTranslateX(25);
        paylabel1.setTranslateY(80);
        paylabel1.setTextFill(Color.GREEN);
        paylabel1.setStyle("-fx-font-weight:bold");
        ObservableList<String>obpay=FXCollections.observableArrayList("Credit
Card","Debit Card");
        final ComboBox cmbpay=new ComboBox<String>(obpay);
        cmbpay.setValue("Select your mode of payment");
        cmbpay.setTranslateX(297);
        cmbpay.setTranslateY(80);
        final Label response4=new Label();
        response4.setTranslateX(50);
        response4.setTranslateY(120);
        response4.setTextFill(Color.RED);
```

```java
response4.setStyle("-fx-font-weight:bold");
final Label paylabel2=new Label("Enter the card holder name :");
paylabel2.setFont(new Font("Arial",18));
paylabel2.setTranslateX(25);
paylabel2.setTranslateY(160);
paylabel2.setTextFill(Color.GREEN);
paylabel2.setStyle("-fx-font-weight:bold");
final TextField usercard1 = new TextField();
 usercard1.setTranslateX(310);
 usercard1.setTranslateY(160);
  usercard1.setPromptText("Enter the name on your card ");
  usercard1.setMaxWidth(300);
final Label response5=new Label();
response5.setTranslateX(50);
response5.setTranslateY(200);
response5.setTextFill(Color.RED);
response5.setStyle("-fx-font-weight:bold");
Label paylabel3=new Label("Enter your 16-digit card number :");
paylabel3.setFont(new Font("Arial",18));
paylabel3.setTranslateX(25);
paylabel3.setTranslateY(250);
paylabel3.setTextFill(Color.GREEN);
paylabel3.setStyle("-fx-font-weight:bold");
final TextField usercard2 = new TextField();
 usercard2.setTranslateX(330);
 usercard2.setTranslateY(250);
  usercard2.setPromptText("1234 - 1234- 1234 - 1234 ");
  final Label response6=new Label();
response6.setTranslateX(50);
response6.setTranslateY(290);
response6.setTextFill(Color.RED);
response6.setStyle("-fx-font-weight:bold");
  usercard2.setMaxWidth(300);
Label paylabel4=new Label("Card valid upto :");
paylabel4.setFont(new Font("Arial",18));
paylabel4.setTranslateX(25);
paylabel4.setTranslateY(340);
paylabel4.setTextFill(Color.GREEN);
paylabel4.setStyle("-fx-font-weight:bold");
ObservableList<String>obcardvalidmonth=FXCollections.observableArrayList("01
","02","03","04","05","06","07","08","09","10","11","12");
final ComboBox cmbcardvalidmonth=new ComboBox<String>(obcardvalidmonth);
cmbcardvalidmonth.setValue(" MM ");
cmbcardvalidmonth.setTranslateX(200);
cmbcardvalidmonth.setTranslateY(340);
 final Label responsemonth=new Label();
responsemonth.setTranslateX(50);
responsemonth.setTranslateY(370);
responsemonth.setTextFill(Color.RED);
responsemonth.setStyle("-fx-font-weight:bold");
```

```
ObservableList<String>obcardvalidyear=FXCollections.observableArrayList("2020","2021",
"2022","2023","2024","2025","2026","2027","2028","2029","2030","2031");
    final ComboBox cmbcardvalidyear=new ComboBox<String>(obcardvalidyear);
    cmbcardvalidyear.setValue(" YY ");
    cmbcardvalidyear.setTranslateX(300);
    cmbcardvalidyear.setTranslateY(340);
    final Label responseyear=new Label();
    responseyear.setTranslateX(50);
    responseyear.setTranslateY(390);
    responseyear.setTextFill(Color.RED);
    responseyear.setStyle("-fx-font-weight:bold");
    Label paylabel5=new Label("Enter your CVV :");
    paylabel5.setFont(new Font("Arial",18));
    paylabel5.setTranslateX(405);
    paylabel5.setTranslateY(340);
    paylabel5.setTextFill(Color.GREEN);
    paylabel5.setStyle("-fx-font-weight:bold");
    final PasswordField usercard4 = new PasswordField();
    usercard4.setTranslateX(550);
    usercard4.setTranslateY(340);
    usercard4.setMaxWidth(50);
    final Label response7=new Label();
     response7.setStyle("-fx-font-weight:bold");
    response7.setTextFill(Color.RED);
    response7.setTranslateX(450);
    response7.setTranslateY(340);

    Button btnotp=new Button("GENERATE OTP");
    btnotp.setTextFill(Color.GREEN);
    btnotp.setMaxWidth(150);
    btnotp.setMaxHeight(20);
    btnotp.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
    btnotp.setTranslateX(280);
    btnotp.setTranslateY(400);


      Button insert3 = new Button("INSERT");
     insert3.setTranslateX(220);
     insert3.setTranslateY(450);
     Button update3=new Button("UPDATE");
     update3.setTranslateX(110);
     update3.setTranslateY(450);

     Button delete3 = new Button("DELETE");
     delete3.setTranslateX(10);
     delete3.setTranslateY(450);
     Button select3=new Button("SELECT");
     select3.setTranslateX(320);
     select3.setTranslateY(450);
```

```java
        Button id3 = new Button("SELECT USING ID");
        id3.setTranslateX(420);
        id3.setTranslateY(450);
        Button clear3=new Button("CLEAR");
        clear3.setTranslateX(600);
        clear3.setTranslateY(450);

         insert3.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
          select3.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
           update3.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-
weight:bold");
            delete3.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-
weight:bold");
             id3.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
              clear3.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-
weight:bold");

             final TextArea t2=new TextArea();
        t2.setTranslateX(25);
        t2.setTranslateY(600);

        insert3.setOnAction(new EventHandler<ActionEvent>() {
          @Override
          public void handle(ActionEvent event) {
            Connection con=null;
            PreparedStatement ps=null;
            try{
               Class.forName("org.apache.derby.jdbc.ClientDriver");

con=DriverManager.getConnection("jdbc:derby://localhost:1527/Food_picasso","shru","shru
");
               ps=con.prepareStatement("Insert into
FOODPICASSOPAYMENT(PaymentMode,CardName,CardNo1,ValidMonth,ValidYear,CV
V) values(?,?,?,?,?,?)");
               ps.setString(1,(String) (cmbpay.getValue()));
               ps.setString(2,(usercard1.getText()));
                ps.setString(3,(usercard2.getText()));
                ps.setString(4,(String)(cmbcardvalidmonth.getValue()));
                ps.setString(5,(String)(cmbcardvalidyear.getValue()));
                ps.setString(6,(usercard4.getText()));
                   ps.executeUpdate();
                    System.out.println("Inserted sucessfully!");

                }
          catch(Exception e){
                System.out.println("Insertion error!"+e);
                }

           }
```

```java
        });

        update3.setOnAction(new EventHandler<ActionEvent>() {
          @Override
          public void handle(ActionEvent event) {
             Connection con=null;
            PreparedStatement ps=null;
          try{
            Class.forName("org.apache.derby.jdbc.ClientDriver");

con=DriverManager.getConnection("jdbc:derby://localhost:1527/Food_picasso","shru","shru
");
                ps=con.prepareStatement("Update FOODPICASSOPAYMENT set
ValidMonth=?,ValidYear=?  where CardNo1=?");
                ps.setString(1,(String)(cmbcardvalidmonth.getValue()));
                 ps.setString(2,(String)(cmbcardvalidyear.getValue()));
                ps.setString(3,(usercard2.getText()));
                ps.executeUpdate();
                    System.out.println("Updated sucessfully!");
                }
             catch(Exception e){
                 System.out.println("Updation error!"+e);
                }
          }
        });

        delete3.setOnAction(new EventHandler<ActionEvent>() {
          @Override
               public void handle(ActionEvent event) {
          Connection con=null;
            PreparedStatement ps=null;
           try{
            Class.forName("org.apache.derby.jdbc.ClientDriver");

con=DriverManager.getConnection("jdbc:derby://localhost:1527/Food_picasso","shru","shru
");
                PreparedStatement ps1 =con.prepareStatement("delete from
FOODPICASSOPAYMENT where CardNo1=?");
                ps1.setString(1,(usercard2.getText()));
                          ps1.executeUpdate();
                             System.out.println("Deleted successfully!");

              }catch(Exception e){
                     System.out.println("Delete error!"+e);

                }
          }
          });

        select3.setOnAction(new EventHandler<ActionEvent>() {
```

```java
            @Override
          public void handle(ActionEvent event) {
            try {
              Class.forName("org.apache.derby.jdbc.ClientDriver");
              Connection con = null;

con=DriverManager.getConnection("jdbc:derby://localhost:1527/Food_picasso","shru","shru");
              PreparedStatement ps3 =con.prepareStatement("select *  from
FOODPICASSOPAYMENT");
              ResultSet rs = ps3.executeQuery();
              t2.appendText("PaymentMode   \t Cardname         \t   CardNo1        \t
ValidMonth   \t  ValidYear\t\tCVV  "+"\n");
                  while(rs.next()){

                    String paymentmode =rs.getString("paymentmode");
                    String cardname=rs.getString("cardname");
                    String Cardno1 =rs.getString("CardNo1");
                    String ValidMonth=rs.getString("ValidMonth");
                    String ValidYear =rs.getString("ValidYear");
                    String CVV=rs.getString("CVV");

                    t2.appendText(""+paymentmode+   "\t"+  "\t"+  cardname+ "\t"  +"\t"
+Cardno1+ "\t" +"\t"+ValidMonth+ "\t"+"\t" +"\t"+"\t"+ValidYear+ "\t"+"\t"+"\t"+CVV+
"\n");
                }
                  System.out.println("Selected sucessfully!");
                } catch(Exception e){
                System.out.println(" Select error!"+e);
                }
          }
        });

      id3.setOnAction(new EventHandler<ActionEvent>() {
        @Override
        public void handle(ActionEvent event) {
          try{
            Class.forName("org.apache.derby.jdbc.ClientDriver");
            Connection
con=DriverManager.getConnection("jdbc:derby://localhost:1527/Food_picasso","shru","shru");
          PreparedStatement ps4 =con.prepareStatement("select * from
FOODPICASSOPAYMENT where CardNo1=?");
          ps4.setString(1,(usercard2.getText()));
          ResultSet rs = ps4.executeQuery();
          while(rs.next()){
                  String paymentmode =rs.getString("paymentmode");
                  String cardname=rs.getString("cardname");
                  String Cardno1 =rs.getString("CardNo1");
                  String ValidMonth=rs.getString("ValidMonth");
```

```java
                    String ValidYear =rs.getString("ValidYear");
                    String CVV=rs.getString("CVV");

                    t2.appendText(""+paymentmode+    "\t"+  "\t"+  cardname+ "\t" +"\t"
+Cardno1+ "\t" +"\t"+ValidMonth+ "\t"+"\t" +"\t"+"\t"+ValidYear+ "\t"+"\t"+"\t"+CVV+
"\n");
            }

                    System.out.println("Select id sucessfully!");

        }catch(Exception e){
                    System.out.println("Select id error!"+e);

        }
    }
    });

    clear3.setOnAction(new EventHandler<ActionEvent>() {

    @Override
    public void handle(ActionEvent event) {
        usercard1.clear();
        usercard2.clear();

        usercard4.clear();

        t2.clear();
        System.out.println("All the contents are clear");
    }

    });

Button btnback2=new Button("BACK");
btnback2.setTextFill(Color.GREEN);
btnback2.setMaxWidth(100);
btnback2.setMaxHeight(20);
btnback2.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
btnback2.setTranslateX(25);
btnback2.setTranslateY(850);
Button btnfeed=new Button("FEEDBACK");
btnfeed.setTextFill(Color.GREEN);
btnfeed.setMaxWidth(120);
btnfeed.setMaxHeight(20);
btnfeed.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
btnfeed.setTranslateX(550);
btnfeed.setTranslateY(850);

cmbpay.setOnAction(new EventHandler<ActionEvent>(){
```

```java
    @Override
    public void handle(ActionEvent ae){
       if(cmbpay.getValue()==null){
          response4.setText("Please select your mode of payment");
       }
       else{
       response4.setText("Your payment mode : "+cmbpay.getValue());
       }
 }});
  cmbcardvalidmonth.setOnAction(new EventHandler<ActionEvent>(){
     @Override
     public void handle(ActionEvent ae){
        responsemonth.setText("Month : "+cmbcardvalidmonth.getValue());
     }
     });
 cmbcardvalidyear.setOnAction(new EventHandler<ActionEvent>(){
     @Override
     public void handle(ActionEvent ae){
        responseyear.setText("Year : "+cmbcardvalidyear.getValue());
     }
     });

 btnotp.setOnAction(new EventHandler<ActionEvent>(){

  @Override
   public void handle(ActionEvent ae){

     if(usercard1.getText().isEmpty()){
    response5.setText("* Please enter your card name");
 }
     if(usercard2.getText().isEmpty()){
   response6.setText("* Please enter your card number");
 }
     if(usercard4.getText().isEmpty()){
   response7.setText("* Please enter your 3-digit CVV");
 }
     else{
        Label warning=new Label("** Your OTP will disappear after 7 mins **");
      warning.setTextFill(Color.RED);
      warning.setFont(new Font("Arial",25));
      warning.setTranslateX(25);
      warning.setTranslateY(520);
      gp5.add(warning,0,22);
        Label paylabel6=new Label();
        paylabel6.setFont(new Font("Arial",18));
        paylabel6.setTextFill(Color.GREEN);
      paylabel6.setStyle("-fx-font-weight:bold");
      paylabel6.setText("Enter the OTP number :");
      paylabel6.setTranslateX(25);
      paylabel6.setTranslateY(560);
```

```java
        gp5.add(paylabel6,0,22);
        final PasswordField usercard8 = new PasswordField();
        final Label output_text_otp=new Label();
        output_text_otp.setStyle("-fx-font-weight:bold");
        output_text_otp.setTranslateX(200);
        output_text_otp.setTranslateY(600);
        output_text_otp.setTextFill(Color.BLACK);
         gp5.add( output_text_otp,0,22);
        usercard8.setTranslateX(250);
        usercard8.setTranslateY(560);
        usercard8.setMaxWidth(100);
        gp5.add(usercard8,0,22);

        Button btnpay1=new Button("PAY");
        btnpay1.setTextFill(Color.GREEN);
        btnpay1.setMaxWidth(70);
        btnpay1.setMaxHeight(20);
        btnpay1.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-
weight:bold");
        btnpay1.setTranslateX(100);
        btnpay1.setTranslateY(600);
        gp5.add(btnpay1, 0,22);
        btnpay1.setOnAction(new EventHandler<ActionEvent>(){

    @Override
     public void handle(ActionEvent ae){
        if(usercard8.getText().isEmpty()){
           output_text_otp.setText("* Please enter your OTP number ");
        }
        else{
           output_text_otp.setText("** Thankyou for your payment **");
        }
     }
        });


        }
         }
     });
    btnback2.setOnAction(new EventHandler<ActionEvent>(){

    @Override
     public void handle(ActionEvent ae){
     primaryStage.setScene(scene3);
     }
    });

gp5.getChildren().addAll(insert3,update3,delete3,clear3,id3,select3,responsemonth,responsey
ear,response7,response6,response5,btnback2,btnfeed,payheading,paylabel1,cmbpay,response
```

4,paylabel2,usercard1,paylabel3,usercard2,paylabel4,cmbcardvalidmonth,cmbcardvalidyear,paylabel5,usercard4,btnotp,t2);


```java
        //---------------------------------------------------------------------------------------------------------------------------------------------------------------
        GridPane fp4=new GridPane();
        final Scene scene5=new Scene(fp4,700,700,Color.YELLOW);
        Label feedback1=new Label("Customer Satisfaction Survey");
        feedback1.setFont(new Font("Jokerman",45));
        feedback1.setTranslateX(25);
        feedback1.setTranslateY(15);
        feedback1.setTextFill(Color.RED);
        feedback1.setStyle("-fx-font-weight:bold");
        //fp4.add(feedback1);
        Label feedback2=new Label("Please take a moment to fill out this survey");
        feedback2.setFont(new Font("Imprint MT Shadow",25));
        feedback2.setTranslateX(25);
        feedback2.setTranslateY(55);
        feedback2.setTextFill(Color.DARKGREEN);
        feedback2.setStyle("-fx-font-weight:bold");
        Separator sep4=new Separator();
        sep4.setPrefWidth(700);
        sep4.setTranslateY(80);
        Label  q1=new Label("How did you get to know about restaurant ?");
        q1.setFont(new Font("Arial",18));
        q1.setTranslateX(25);
        q1.setTranslateY(110);
        q1.setTextFill(Color.RED);
        final RadioButton ans1=new RadioButton("Through social media");
        ans1.setTranslateX(80);
        ans1.setTranslateY(140);
        ans1.setTextFill(Color.BLACK);
        ans1.setToggleGroup(tg1);
        final RadioButton ans2=new RadioButton("Through a friend");
        ans2.setTranslateX(80);
        ans2.setTranslateY(170);
        ans2.setTextFill(Color.BLACK);
         ans2.setToggleGroup(tg1);
        final RadioButton ans3=new RadioButton("Through newspapers");
         ans3.setTranslateX(80);
        ans3.setTranslateY(200);
        ans3.setTextFill(Color.BLACK);
         ans3.setToggleGroup(tg1);
        final Label error1=new Label();
        error1.setTranslateX(380);
        error1.setTranslateY(110);
        error1.setStyle("-fx-font-weight:bold");
        error1.setTextFill(Color.BLACK);
        Label  q2=new Label("Rate our food menu according to your opinion : ");
```

```java
q2.setFont(new Font("Arial",18));
q2.setTranslateX(25);
q2.setTranslateY(240);
q2.setTextFill(Color.RED);
final CheckBox chk01=new CheckBox("Excellent");
chk01.setFont(new Font("Arial",16));
chk01.setTranslateX(80);
chk01.setTranslateY(270);
chk01.setTextFill(Color.BLACK);
final CheckBox chk02=new CheckBox("Moderate");
chk02.setFont(new Font("Arial",16));
chk02.setTranslateX(80);
chk02.setTranslateY(300);
chk02.setTextFill(Color.BLACK);
final CheckBox chk03=new CheckBox("Not good");
chk03.setFont(new Font("Arial",16));
chk03.setTranslateX(80);
chk03.setTranslateY(330);
chk03.setTextFill(Color.BLACK);
final Label error2=new Label();
error2.setTranslateX(420);
error2.setTranslateY(240);
error2.setTextFill(Color.BLACK);
  error2.setStyle("-fx-font-weight:bold");
Label q3=new Label("Please add on some of your suggestions that we should work on :
");
q3.setFont(new Font("Arial",18));
q3.setTranslateX(25);
q3.setTranslateY(360);
q3.setTextFill(Color.RED);
final TextArea textans=new TextArea();
textans.setMaxHeight(130);
textans.setMaxWidth(450);
textans.setTranslateX(25);
textans.setTranslateY(450);
Button backlast=new Button("BACK");
backlast.setTranslateX(25);
backlast.setTranslateY(560);

backlast.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
Button submit=new Button("SUBMIT");
submit.setTranslateX(590);
submit.setTranslateY(560);
submit.setStyle("-fx-background-color:red; -fx-text-fill:yellow;-fx-font-weight:bold");
final Label output=new Label();
output.setTranslateX(200);
output.setTranslateY(560);

output.setStyle("-fx-font-weight:bold");
pay.setOnAction(new EventHandler<ActionEvent>() {
```

```
          @Override
        public void handle(ActionEvent event) {
          primaryStage.setScene(scene05);
        }
      });
    backlast.setOnAction(new EventHandler<ActionEvent>() {
        @Override
        public void handle(ActionEvent event) {
          primaryStage.setScene(scene3);
        }
      });
    btnfeed.setOnAction(new EventHandler<ActionEvent>(){
        @Override
        public void handle(ActionEvent ae){
          primaryStage.setScene(scene5);
      }});

fp4.getChildren().addAll(feedback1,feedback2,sep4,q1,q2,q3,ans1,ans2,ans3,chk01,chk02,ch
k03,submit,output,textans,backlast,error1,error2);
    //---------------------------------------------------------------------------------------------------------
---------------------------
    FlowPane fp6=new FlowPane();
    final Scene scene6=new Scene(fp6,700,700,Color.YELLOW);
    Label ty=new Label("Thank you for your support ");
    ty.setStyle("-fx-text-fill:red;-fx-font-weight:bold");
    ty.setTranslateX(90);
    ty.setTranslateY(600);
    ty.setFont(new Font("Jokerman",40));
    Image img01=new Image(getClass().getResourceAsStream("food1.gif"));
    ImageView iv01=new ImageView(img01);
    iv01.setFitHeight(500);
    iv01.setFitWidth(650);
    iv01.setTranslateX(25);

  submit.setOnAction(new EventHandler<ActionEvent>() {
        @Override
        public void handle(ActionEvent event) {

if(ans1.isSelected()==false&&ans2.isSelected()==false&&ans3.isSelected()==false){
            error1.setText("* Please select an option");
          }
          if(!chk01.isSelected()&&!chk02.isSelected()&&!chk03.isSelected()){
            error2.setText("* Please select an option");
          }
          if((textans.getText().isEmpty())){
          output.setText("* Please let us know some of your suggestions");
          }
        else{
           primaryStage.setScene(scene6);
          }
```

```
        }
    });



    fp6.getChildren().addAll(ty,iv01);

    primaryStage.setTitle("FOOD PICASSO");



    primaryStage.setScene(scene1);



    primaryStage.show();
    }

    public static void main(String[] args) {
        launch(args);
    }

}
```

Output:-

//LoginPage

NetBeans IDE 8.0.2

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Projects Services Files

FOOD PICASSO

Welcome to FOOD PICASSO

Username   Riyana
Password   ●●●●●●●●

BACK   LOG IN

DELETE   UPDATE   INSERT   SELECT   SELECT USING ID   CLEAR

Connection: jdbc:derby://localhost:1527/Food_picasso [shru on SHRU]

```
1  select * from SHRU.FOODPICASSOLOGIN;
2
```

select * from SHRU.FOODPI...

#	USERNAME	PASSWORD
1	Angeline Shruthi	shruthi2000
2	Bibiyana	bibi1974
3	Vincent	vini1968
4	Sampras	sam1999
5	Rosy	rosymary
6	Riyana	riya0611

Output

Java DB Database Process   FoodPicassoProject (jfxsa-run)   SQL 3 execution   SQL 4 execution

---

FoodPicassoProject - NetBeans IDE 8.0.2

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Wind

FOOD PICASSO

Welcome to FOOD PICASSO

Username   Vincent
Password   Enter your password

BACK   LOG IN

DELETE   UPDATE   INSERT   SELECT   SELECT USING ID   CLEAR

Username   Password
Vincent   vini1968

Output

Java DB Database Process   FoodPicassoProject (jfxsa-run)   SQL 3 execution   SQL 4 execution

Select ID successfully!

//signup Page

FOOD PICASSO

FOOD PICASSO - REGISTER

Firstname   Enter your firstname

Lastname   Enter your lastname

Gender   ● Male   ○ Female

Email   Enter your Email

Password   Enter your password

Confirm Password   Enter your password again

State   Tamilnadu ▼   **You have selected : Tamilnadu**

City   Chennai ▼   **You have selected : Chennai**

Phone Number   Enter your Phone Number

☐ **I accept the terms and conditions**

OK

| DELETE | UPDATE | INSERT | SELECT | SELECT USING ID | CLEAR |

Your entered details :

Firstname	Lastname	Gender	EmailID	Passwd
Angeline	Shruthi	Female	angeline05@gmail.com	sh
Samantha Ruth	Akkineni	Female	sam@gmail.com	
Ranbir	Kapoor	Male	ranbir@gmail.com	ranbir2890
Martin	Kevin	Male	kevin@gmail.com	kevin2904

BACK   **SIGN UP**

select * from SHRU.FOODPI... ×

Page Size: 20   Total Rows: 3   Page: 1 of 1

#	FIRSTNAME	LASTNAME	GENDER	EMAILID	PASSWORD	STATE	CITY	PHONENO
1	Angeline	Shruthi	Female	angeline05@gmail.com	shruthi2000	Tamilnadu	Chennai	9884059970
2	Samantha	Akkineni	Female	sam@gmail.com	sammu19	Andhra Pradesh	Hyderabad	9444326284
3	Ranbir	Kapoor	Male	ranbir@gmail.com	ranbir2890	Maharashtra	Mumbai	6382043832

FOOD PICASSO - REGISTER

Field	Value
Firstname	Martin
Lastname	Kevin
Gender	● Male ○ Female
Email	kevin@gmail.com
Password	●●●●●●●●●
Confirm Password	●●●●●●●●●
State	Tamilnadu ▾
City	Chennai ▾
Phone Number	9158746324

You have selected : Tamilnadu
You have selected : Chennai

☐ I accept the terms and conditions

OK

DELETE   UPDATE   INSERT   SELECT   SELECT USING ID   CLEAR

Your entered details :

BACK   SIGN UP

Connection: jdbc:derby://localhost:1527/Food_picasso [shru on SHRU]

```
1  select * from SHRU.FOODPICASSOSIGNUP;
2
```

select * from SHRU.FOODPI... ×

Page Size: 20   Total Rows: 4   Page: 1 of 1

#	FIRSTNAME	LASTNAME	GENDER	EMAILID	PAS!
1	Angeline	Shruthi	Female	angeline05@gmail.com	shrut
2	Samantha Ruth	Akkineni	Female	sam@gmail.com	samn
3	Ranbir	Kapoor	Male	ranbir@gmail.com	ranbi
4	Martin	Kevin	Male	kevin@gmail.com	kevin

```
1  select * from SHRU.FOODPICASSOSIGNUP;
2
```

FOOD PICASSO - REGISTER

Firstname   Enter your firstname

Lastname   Enter your lastname

Gender   ○ Male   ○ Female

Email   Enter your Email

Password   Enter your password

Confirm Password   Enter your password again

State   Select your state ▼

City   Select your c ▼

Phone Number   9884059970

☐ **I accept the terms and conditions**

OK

DELETE   **UPDATE**   **INSERT**   **SELECT**   **SELECT USING ID**   **CLEAR**

Your entered details :

Firstname :Angeline
Lastname :Shruthi
Gender :Female
Email ID :angeline05@gmail.com
Password : shruthi2000
State : Tamilnadu
City : Chennai
Phone number : 9884059970

BACK   **SIGN UP**

//Payment page

FOOD PICASSO

FOOD PICASSO - PAYMENT

Select your payment mode : Select your m ▼

Enter the card holder name : Enter the name on your card

Enter your 16-digit card number : 1234 - 1234- 1234 - 1234

Card valid upto : MM ▼   YY ▼   **Enter your CVV :**

GENERATE OTP

DELETE   **UPDATE**   **INSERT**   **SELECT**   **SELECT USING ID**   **CLEAR**

PaymentMode	Cardname	CardNo1	ValidMonth	ValidYear
Debit Card	Shruthi	1598-7569-3558-4569	09	2028
Credit Card	Bibiyana	7895-1236-4832-9537	01	2025
Debit Card	Vincent	9674-3587-1598-9568	12	2031
Credit Card	Sampras	4569-3795-1793-2587	11	2027
Credit Card	Magimaidoss	4569-2569-1257-3647	04	202

WARNING: com.sun.javafx.css.parser.CSSParser declaration CSS error parsing in-line style -fx-text

Selected sucessfully!

select * from SHRU.FOODPI... ×

Page Size: 20   Total Rows: 4 Page: 1 of 1   Matching Rows:

#	PAYMENTMODE	CARDNAME	CARDNO1	VALIDMONTH	VALIDYEAR	CVV	
1	Credit Card	Bibiyana	7895-1236-4832-9537	01	2025	489	
2	Debit Card	Vincent	9674-3587-1598-9568	12	2031	279	
3	Credit Card	Sampras	4569-3795-1793-2587	11	2027	567	
4	Credit Card	Magimaidoss	4569-2569-1257-3647	04	2024	256	