EX.NO:11 Registration Form

Aim:

To write a java source code for a mini project Registration Form

Algorithm:

Step:1 Start

Step:2 create the form with the name, email id, phone no, date, course ,course duration and starting date fields

Step:3 Read the value for the fields

Step:4 Click submit to save the values

Step:5 Display the confirmation message

Step:6 Stop

Program:

**package** com.fx.sample;

**import** java.io.FileInputStream;

**import** java.io.InputStream;

**import** javax.swing.text.html.ImageView;

**import** javafx.application.Application;

**import** javafx.collections.FXCollections;

**import** javafx.event.ActionEvent;

**import** javafx.event.EventHandler;

**import** javafx.geometry.Pos;

**import** javafx.scene.Scene;

**import** javafx.scene.control.Button;

**import** javafx.scene.control.ComboBox;

**import** javafx.scene.control.DatePicker;

**import** javafx.scene.control.Label;

**import** javafx.scene.control.TextField;

**import** javafx.scene.image.Image;

**import** javafx.scene.layout.StackPane;

**import** javafx.scene.layout.TilePane;

**import** javafx.scene.paint.Color;

**import** javafx.scene.layout.GridPane;

**import** javafx.scene.text.\*;

**import** javafx.stage.Stage;

**public** **class** Training **extends** Application {

**int** default\_width = 200;

RegistrationDetails details = **new** RegistrationDetails();

**public** **static** **void** main(String[] args) {

*launch*(args);

}

@Override

**public** **void** start(Stage primaryStage) {

TilePane tp = **new** TilePane();

GridPane root = **new** GridPane();

root.setAlignment(Pos.***CENTER***);

GridPane root2 = **new** GridPane();

root2.setAlignment(Pos.***CENTER***);

Scene registrationPage = **new** Scene(root, 900, 500);

Scene registrationCompltedPage = **new** Scene(root2, 900, 500);

String labelStr = "Thank You For Your Enrollment";

Label Gb = **new** Label(labelStr);

root2.addRow(0, Gb);

Button btn2 = **new** Button();

btn2.setText("Back");

root2.addRow(1, btn2);

btn2.setOnAction(**new** EventHandler<ActionEvent>() {

@Override

**public** **void** handle(ActionEvent event) {

System.***out***.println("Back button clicked");

primaryStage.setScene(registrationPage);

}

});

Label L1 = **new** Label("Name");

L1.setFont(**new** Font(15));

TextField Name\_Field = **new** TextField();

Name\_Field.setMaxWidth(default\_width);

root.addRow(0, L1, Name\_Field);

Label L2 = **new** Label("Email ID");

L2.setFont(**new** Font(15));

TextField Email\_Id\_Field = **new** TextField();

Email\_Id\_Field.setMaxWidth(default\_width);

root.addRow(1, L2, Email\_Id\_Field);

Label L3 = **new** Label("Phone Number");

L3.setFont(**new** Font(15));

TextField Phone\_number\_Field = **new** TextField();

Phone\_number\_Field.setMaxWidth(default\_width);

root.addRow(2, L3, Phone\_number\_Field);

Label L4 = **new** Label("Date");

L4.setFont(**new** Font(15));

DatePicker Date\_Field = **new** DatePicker();

tp.getChildren().add(Date\_Field);

root.addRow(3, L4, tp);

Label L5 = **new** Label("Course List");

L5.setFont(**new** Font(15));

String S1[] = { "B.E.Computer Science and Engineering", "B.Tech Informayion Technology" };

ComboBox Course\_List\_Field = **new** ComboBox(FXCollections.*observableArrayList*(S1));

TilePane tp2 = **new** TilePane(Course\_List\_Field);

root.addRow(4, L5, Course\_List\_Field);

Label L6 = **new** Label("Course Duration");

L6.setFont(**new** Font(15));

String S2[] = { "1 Year", "2 Year", "3 Year", "4 Year" };

ComboBox Course\_duration\_Field = **new** ComboBox(FXCollections.*observableArrayList*(S2));

TilePane tp3 = **new** TilePane(Course\_duration\_Field);

root.addRow(5, L6, Course\_duration\_Field);

Label L7 = **new** Label("Payment Ammount");

L7.setFont(**new** Font(15));

TextField Payment\_amount\_Field = **new** TextField();

Payment\_amount\_Field.setMaxWidth(default\_width);

root.addRow(6, L7, Payment\_amount\_Field);

Label L8 = **new** Label("Couse Starting Date");

L8.setFont(**new** Font(15));

DatePicker Course\_starting\_date\_Field = **new** DatePicker();

TilePane tp4 = **new** TilePane();

tp4.getChildren().add(Course\_starting\_date\_Field);

root.addRow(7, L8, tp4);

Button btn = **new** Button();

btn.setText("Submit");

root.addRow(16, btn);

Name\_Field.setFocusTraversable(**true**);

btn.setOnAction(**new** EventHandler<ActionEvent>() {

@Override

**public** **void** handle(ActionEvent event) {

details.Name = Name\_Field.getText();

details.Email\_Id = Email\_Id\_Field.getText();

details.Phone\_no = Phone\_number\_Field.getText();

details.Course = Course\_List\_Field.getValue().toString();

details.Course\_Duretion = Course\_duration\_Field.getValue().toString();

details.amount\_to\_pay = Payment\_amount\_Field.getText();

details.course\_start\_date = Course\_starting\_date\_Field.getValue().toString();

System.***out***.println(" MM :" + details.toString());

primaryStage.setScene(registrationCompltedPage);

primaryStage.show();

}

});

StackPane foot = **new** StackPane();

primaryStage.centerOnScreen();

primaryStage.setScene(registrationPage);

primaryStage.show();

}

}

Output:

Graphical user interface

Description automatically generatedGraphical user interface, application

Description automatically generated

Result:

The Java source code for the registration form has been successfully exceuted.