**JAVA PROJECT**

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**SCO 103: OBJECT ORIENTED PROGRAMMING**

**LECTURER: SOLOMON**

**PROJECT CODE**

import javax.swing.\*;

import java.awt.\*;

import java.awt.event.\*;

public class JavaApplication47 extends JFrame {

private JLabel nameLabel, idLabel, courseLabel;

private JTextField nameField, idField, courseField;

private JButton registerButton, clearButton;

public JavaApplication47() {

setTitle("Student Registration");

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setLayout(new GridLayout(4, 2, 10, 10));

nameLabel = new JLabel("Name:");

idLabel = new JLabel("Student ID:");

courseLabel = new JLabel("Course:");

nameField = new JTextField(20);

idField = new JTextField(20);

courseField = new JTextField(20);

registerButton = new JButton("Register");

clearButton = new JButton("Clear");

add(nameLabel);

add(nameField);

add(idLabel);

add(idField);

add(courseLabel);

add(courseField);

add(registerButton);

add(clearButton);

registerButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

String name = nameField.getText();

String id = idField.getText();

String course = courseField.getText();

JOptionPane.showMessageDialog(JavaApplication47.this,

"Registration Successful!\nName: " + name + "\nStudent ID: " + id + "\nCourse: " + course);

}

});

clearButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

nameField.setText("");

idField.setText("");

courseField.setText("");

}

});

pack();

setLocationRelativeTo(null);

setVisible(true);

}

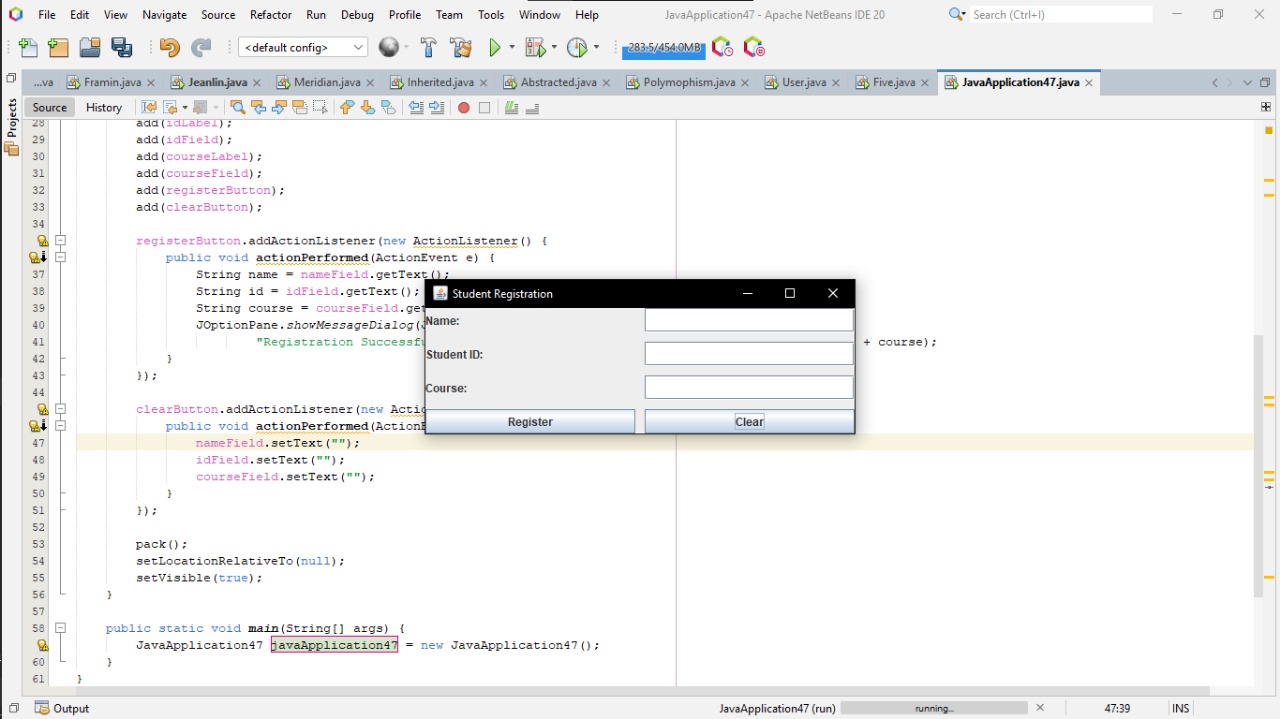
public static void main(String[] args) {

JavaApplication47 javaApplication47 = new JavaApplication47();

}

}

**Output**

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