```java
Program:GUI IMPLEMENTATION
import java.awt.Container;
import java.awt.Font;
import javax.swing.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
public class Login extends JFrame implements ActionListener {

    JLabel message;
    JLabel nameLabel, dobLabel, genderLabel;
    JTextField dobFormat;
    JTextField nameField;
    JRadioButton genderMale, genderFemale;
    ButtonGroup genderGroup;

    JLabel mailIdLabel, mobileNoLabel;
    JTextField mailIdField, mobileNoField;

    JLabel passwordLabel, adressLabel;
    JPasswordField passwordField;
    JTextArea adressArea;

    JLabel programLabel;
    JComboBox<String> programList;

    JLabel branchLabel, semesterLabel;
    JComboBox<String> branchList;
    JComboBox<Integer> semesterList;

    JButton registerButton,reset;
    Container container;

    public Login() {
        message = new JLabel("Register a new Student");
        message.setFont(new Font("Courier", Font.BOLD, 20));
        nameLabel = new JLabel("Name");
        nameField = new JTextField();
        dobLabel = new JLabel("DOB");
        dobFormat = new JTextField();
        genderLabel = new JLabel("Gender");
        genderMale = new JRadioButton("Male", true);
        genderFemale = new JRadioButton("Female");
        genderGroup = new ButtonGroup();
        genderGroup.add(genderMale);
        genderGroup.add(genderFemale);

        mailIdLabel = new JLabel("Mail Id");
        mailIdField = new JTextField();

        mobileNoLabel = new JLabel("Mobile No");
        mobileNoField = new JTextField();
```

```java
        passwordLabel = new JLabel("Password");
        passwordField = new JPasswordField();

        adressLabel = new JLabel("Address");
        adressArea = new JTextArea();

        programLabel = new JLabel("Courses");
        programList = new JComboBox<String>();

        programList.addItem("ME/M Tect");
        programList.addItem("BE/B Tect");
        programList.addItem("Diploma");

        branchLabel = new JLabel("Branch");
        branchList = new JComboBox<String>();

        branchList.addItem("Computer Science and Engineering");
        branchList.addItem("Electronics and Telecommunications");
        branchList.addItem("Information Technology");
        branchList.addItem("Electrical Engineering");
        branchList.addItem("Electrical and Electronics Engineering");
        branchList.addItem("Civil Engineering");

        semesterLabel = new JLabel("Semester");
        semesterList = new JComboBox<>();
        semesterList.addItem(1);
        semesterList.addItem(2);
        semesterList.addItem(3);
        semesterList.addItem(4);
        semesterList.addItem(5);
        semesterList.addItem(6);
        semesterList.addItem(7);
        semesterList.addItem(8);

        registerButton = new JButton("Register");
        reset = new JButton("Reset");
        container = getContentPane();
        container.setLayout(null);
        setBounds();
        addComponents();
        addActionEvent();
    }

public void setBounds() {
        message.setBounds(50, 10, 600, 30);
        nameLabel.setBounds(50, 60, 100, 30);
        nameField.setBounds(130, 60, 200, 30);

        dobLabel.setBounds(50, 110, 100, 30);
        dobFormat.setBounds(130,110,100,30);
```

```java
        genderLabel.setBounds(50, 160, 100, 30);
        genderMale.setBounds(130, 160, 100, 30);
        genderFemale.setBounds(240, 160, 100, 30);

        mailIdLabel.setBounds(50, 210, 100, 30);
        mailIdField.setBounds(130, 210, 200, 30);

        mobileNoLabel.setBounds(50, 260, 100, 30);
        mobileNoField.setBounds(130, 260, 200, 30);

        passwordLabel.setBounds(50, 310, 100, 30);
        passwordField.setBounds(130, 310, 200, 30);

        adressLabel.setBounds(50, 360, 100, 30);
        adressArea.setBounds(130, 360, 450, 30);

        programLabel.setBounds(50, 410, 100, 30);
        programList.setBounds(130, 410, 200, 30);

        branchLabel.setBounds(50, 460, 100, 30);
        branchList.setBounds(130, 460, 200, 30);

        semesterLabel.setBounds(50, 510, 100, 30);
        semesterList.setBounds(130, 510, 200, 30);

        registerButton.setBounds(130, 550, 200, 30);
        reset.setBounds(130,600,200,30);
}

public void addComponents() {
    container.add(message);
    container.add(nameLabel);
    container.add(nameField);
    container.add(dobLabel);
    container.add(dobFormat);
    container.add(genderLabel);
    container.add(genderMale);
    container.add(genderFemale);
    container.add(mailIdLabel);
    container.add(mailIdField);
    container.add(mobileNoLabel);
    container.add(mobileNoField);
    container.add(passwordLabel);
    container.add(passwordField);
    container.add(adressLabel);
    container.add(adressArea);
    container.add(programLabel);
    container.add(programList);
    container.add(branchLabel);
    container.add(branchList);
    container.add(semesterLabel);
```

```java
        container.add(semesterList);
        container.add(registerButton);
        container.add(reset);
    }
    public void addActionEvent() {
        registerButton.addActionListener(this);
        reset.addActionListener(this);
    }
    @Override
    public void actionPerformed(ActionEvent e) {
        //Coding Part of LOGIN button
        if (e.getSource()==registerButton)
        {
            String name=nameField.getText();
            JOptionPane.showMessageDialog(this,"Congratulations! "+name+" You are
successfully registered");
        }
        else if(e.getSource()==reset)
        {
            nameField.setText("");
            dobFormat.setText("");
            genderGroup.clearSelection();
            mailIdField.setText("");
            mobileNoField.setText("");
            passwordField.setText("");
            adressArea.setText("");
            programList.setSelectedIndex(0);
            semesterList.setSelectedIndex(0);
            branchList.setSelectedIndex(0);
        }
    }
    public static void main(String[] args) {
        Login frame = new Login();
        frame.setTitle("Student Register Form");
        frame.setVisible(true);
        frame.setBounds(500,100, 600, 700);
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.setResizable(true);
    }
}
```
Output: