

# COE MANAGEMENT SYSTEM

## Source Code :

### //Coe

```
package coe;

import javax.swing.*;
import java.awt.*;
import java.awt.event.*;

import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.GroupLayout;
import javax.swing.GroupLayout.Alignment;
import javax.swing.JLabel;
import java.awt.Font;
import java.awt.Color;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;

public class Coe extends JFrame {
    static Coe frame;
    private JPanel contentPane;

    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    frame = new Coe();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    public Coe() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 450, 300);
```

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        contentPane = new JPanel();
        contentPane.setForeground(Color.GRAY);
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);

        JLabel lblHeader = new JLabel("SRI KRISHNA INSTITUTION");
        lblHeader.setFont(new Font("Tahoma", Font.PLAIN, 20));
        JLabel lblSubHeader = new JLabel("CONTROLLER OF
EXAMINATION");
        lblSubHeader.setFont(new Font("Tahoma", Font.PLAIN, 16));

        JButton btnAdminLogin = new JButton("Admin Login");
        btnAdminLogin.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent arg0) {
                AdminLogin.main(new String[]{});
                frame.dispose();
            }
        });

        JButton btnStaffLogin = new JButton("Staff Login");
        btnStaffLogin.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent arg0) {
                StaffLogin.main(new String[]{});
                frame.dispose();
            }
        });

        JButton btnStudentLogin = new JButton("Student Login");
        btnStudentLogin.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent arg0) {
                StudentLogin.main(new String[]{});
                frame.dispose();
            }
        });

        GroupLayout gl_contentPane = new GroupLayout(contentPane);
        gl_contentPane.setHorizontalGroup(
            gl_contentPane.createParallelGroup(Alignment.LEADING)
                .addGroup(gl_contentPane.createSequentialGroup()
                    .addGap(143)

                .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)
                    .addComponent(btnStudentLogin,
                        Alignment.TRAILING, GroupLayout.DEFAULT_SIZE,
                        GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(btnStaffLogin,
                        Alignment.TRAILING, GroupLayout.DEFAULT_SIZE,
                        GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

                .addComponent(btnAdminLogin, Alignment.TRAILING,
                    GroupLayout.DEFAULT_SIZE, GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

```

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        .addGroup(gl_contentPane.createParallelGroup(Alignment.TRAILING,
false)
                                .addComponent(lblSubHeader)
                                .addComponent(lblHeader)))
        .addContainerGap(210, Short.MAX_VALUE)
    );

    gl_contentPane.setVerticalGroup(
        gl_contentPane.createParallelGroup(Alignment.LEADING)
            .addGroup(gl_contentPane.createSequentialGroup()
                .addComponent(lblHeader)
                .addGap(42)
                .addComponent(lblSubHeader)
                .addGap(42)
                .addComponent(btnAdminLogin,
 GroupLayout.PREFERRED_SIZE, 31, GroupLayout.PREFERRED_SIZE)
                .addGap(30)
                .addComponent(btnStaffLogin,
 GroupLayout.PREFERRED_SIZE, 31, GroupLayout.PREFERRED_SIZE)
                .addGap(30)
                .addComponent(btnStudentLogin,
 GroupLayout.PREFERRED_SIZE, 31, GroupLayout.PREFERRED_SIZE)
                .addContainerGap(91, Short.MAX_VALUE))
            );
    contentPane.setLayout(gl_contentPane);
}
}

```

## // AdminLogin

```

package coe;

import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.GroupLayout;
import javax.swing.GroupLayout.Alignment;
import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.Font;
import java.awt.Color;
import javax.swing.JTextField;
import javax.swing.JPasswordField;
import javax.swing.JButton;
import javax.swing.LayoutStyle.ComponentPlacement;

```

```

import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;

public class AdminLogin extends JFrame {
    static AdminLogin frame;
    private JPanel contentPane;
    private JTextField textField;
    private JPasswordField passwordField;

    /**
     * Launch the application.
     */
    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    frame = new AdminLogin();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    /**
     * Create the frame.
     */
    public AdminLogin() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 450, 300);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);

        JLabel lblAdminLogin = new JLabel("Admin Login");
        lblAdminLogin.setForeground(Color.GRAY);
        lblAdminLogin.setFont(new Font("Tahoma", Font.PLAIN, 20));

        JLabel lblName = new JLabel("Name:");

        JLabel lblPassword = new JLabel("Password:");

        textField = new JTextField();
        textField.setColumns(10);

        passwordField = new JPasswordField();

        JButton btnLogin = new JButton("login");
        btnLogin.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                String name=textField.getText();
            }
        });
    }
}

```

```

        char ch[]=passwordField.getPassword();
        String password=String.valueOf(ch);
        if(name.equals("admin")&&password.equals("admin123")){
            String s[]={};
            AdminPage.main(s);
            frame.dispose();
        }else{

            JOptionPane.showMessageDialog(AdminLogin.this,"Sorry, username or
password error!");
            textField.setText("");passwordField.setText("");
        }
    });
    GroupLayout gl_contentPane = new GroupLayout(contentPane);
    gl_contentPane.setHorizontalGroup(
        gl_contentPane.createParallelGroup(Alignment.LEADING)
            .addGroup(gl_contentPane.createSequentialGroup())

        .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)

        .addGroup(gl_contentPane.createSequentialGroup())
            .addGap(180)
            .addComponent(lblAdminLogin)

        .addGroup(gl_contentPane.createSequentialGroup())
            .addGap(25)

        .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)
            .addComponent(lblName)
            .addComponent(lblPassword)
            .addGap(58)

        .addGroup(gl_contentPane.createParallelGroup(Alignment.TRAILING,
false)

        .addComponent(passwordField)

        .addComponent(textField,
GroupLayout.DEFAULT_SIZE, 180, Short.MAX_VALUE)))

        .addGroup(gl_contentPane.createSequentialGroup())
            .addGap(177)
            .addComponent(btnLogin,
GroupLayout.PREFERRED_SIZE, 86, GroupLayout.PREFERRED_SIZE)))
        .addContainerGap(111, Short.MAX_VALUE)
    );
    gl_contentPane.setVerticalGroup(
        gl_contentPane.createParallelGroup(Alignment.LEADING)
            .addGroup(gl_contentPane.createSequentialGroup())
                .addComponent(lblAdminLogin)
                .addGap(29)

```

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        .addGroup(gl_contentPane.createParallelGroup(Alignment.BASELINE)
                    .addComponent(lblName)
                    .addComponent(textField,
GridLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE,
GridLayout.PREFERRED_SIZE))
            .addGap(27)

        .addGroup(gl_contentPane.createParallelGroup(Alignment.BASELINE)
                    .addComponent(passwordField,
GridLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE,
GridLayout.PREFERRED_SIZE)
                    .addComponent(lblPassword))
            .addGap(36)
            .addComponent(btnLogin,
GridLayout.PREFERRED_SIZE, 33, GroupLayout.PREFERRED_SIZE)
            .addContainerGap(51, Short.MAX_VALUE)
        );
        contentPane.setLayout(gl_contentPane);
    }
}

```

## //StaffLogin

```

package coe;

import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.GroupLayout;
import javax.swing.GroupLayout.Alignment;
import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.Font;
import java.awt.Color;
import javax.swing.JTextField;
import javax.swing.JPasswordField;
import javax.swing.JButton;
import javax.swing.LayoutStyle.ComponentPlacement;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;

public class StaffLogin extends JFrame {
    static StaffLogin frame;

```

```

private JPanel contentPane;
private JTextField textField;
private JPasswordField passwordField;

/**
 * Launch the application.
 */
public static void main(String[] args) {
    EventQueue.invokeLater(new Runnable() {
        public void run() {
            try {
                frame = new StaffLogin();
                frame.setVisible(true);
            } catch (Exception e) {
                e.printStackTrace();
            }
        }
    });
}

/**
 * Create the frame.
 */
public StaffLogin() {
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setBounds(100, 100, 450, 300);
    contentPane = new JPanel();
    contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
    setContentPane(contentPane);

    JLabel lblStaffLogin = new JLabel("Staff Login");
    lblStaffLogin.setForeground(Color.GRAY);
    lblStaffLogin.setFont(new Font("Tahoma", Font.PLAIN, 20));

    JLabel lblName = new JLabel("Name:");

    JLabel lblPassword = new JLabel("Password:");

    textField = new JTextField();
    textField.setColumns(10);

    passwordField = new JPasswordField();

    JButton btnLogin = new JButton("login");
    btnLogin.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            String name=textField.getText();
            char ch[]=passwordField.getPassword();
            String password=String.valueOf(ch);
            if (name.equals("staff") && password.equals("staff123")) {
                String s[]={};
                StaffPage.main(s);
            }
        }
    });
}

```

```

        frame.dispose();
    }else{

        JOptionPane.showMessageDialog(StaffLogin.this,"Sorry, username or
password error!");
        textField.setText("");passwordField.setText("");
    }
}

});
GridLayout gl_contentPane = new GridLayout(contentPane);
gl_contentPane.setHorizontalGroup(
    gl_contentPane.createParallelGroup(Alignment.LEADING)
        .addGroup(gl_contentPane.createSequentialGroup()

.addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)

.addGroup(gl_contentPane.createSequentialGroup()
                    .addGap(180)
                    .addComponent(lblStaffLogin))

.addGroup(gl_contentPane.createSequentialGroup()
                    .addGap(25)

.addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)
                    .addComponent(lblName)
                    .addComponent(lblPassword))
                    .addGap(58)

.addGroup(gl_contentPane.createParallelGroup(Alignment.TRAILING,
false)

.addComponent(passwordField)
                    .addComponent(textField,
GridLayout.DEFAULT_SIZE, 180, Short.MAX_VALUE)))

.addGroup(gl_contentPane.createSequentialGroup()
                    .addGap(177)
                    .addComponent(btnLogin,
GridLayout.PREFERRED_SIZE, 86, GridLayout.PREFERRED_SIZE)))
                    .addContainerGap(111, Short.MAX_VALUE))
);
gl_contentPane.setVerticalGroup(
    gl_contentPane.createParallelGroup(Alignment.LEADING)
        .addGroup(gl_contentPane.createSequentialGroup()
            .addComponent(lblStaffLogin)
            .addGap(29)

.addGroup(gl_contentPane.createParallelGroup(Alignment.BASELINE)
            .addComponent(lblName)
            .addComponent(textField,
GridLayout.PREFERRED_SIZE, GridLayout.DEFAULT_SIZE,
GridLayout.PREFERRED_SIZE))

```



```

        .addGap(27)

        .addGroup(gl_contentPane.createParallelGroup(Alignment.BASELINE)
            .addComponent(passwordField,
                GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE,
                GroupLayout.PREFERRED_SIZE)
            .addComponent(lblPassword)
            .addGap(36)
            .addComponent(btnLogin,
                GroupLayout.PREFERRED_SIZE, 33, GroupLayout.PREFERRED_SIZE)
            .addContainerGap(51, Short.MAX_VALUE))
        );
        contentPane.setLayout(gl_contentPane);
    }
}

```

## //StudentLogin

```

package coe;

import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.GroupLayout;
import javax.swing.GroupLayout.Alignment;
import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.Font;
import java.awt.Color;
import javax.swing.JTextField;
import javax.swing.JPasswordField;
import javax.swing.JButton;
import javax.swing.LayoutStyle.ComponentPlacement;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;

public class StudentLogin extends JFrame {
    static StudentLogin frame;
    private JPanel contentPane;
    private JTextField textField;
    private JPasswordField passwordField;

    /**
     * Launch the application.
     */
}

```

```

    */
    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    frame = new StudentLogin();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    /**
     * Create the frame.
     */
    public StudentLogin() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 450, 300);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);

        JLabel lblStudentLogin = new JLabel("Student Login");
        lblStudentLogin.setForeground(Color.GRAY);
        lblStudentLogin.setFont(new Font("Tahoma", Font.PLAIN,
20));

        JLabel lblName = new JLabel("Name:");

        JLabel lblPassword = new JLabel("Password:");

        textField = new JTextField();
        textField.setColumns(10);

        passwordField = new JPasswordField();

        JButton btnLogin = new JButton("login");
        btnLogin.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                String name=textField.getText();
                char ch[]=passwordField.getPassword();
                String password=String.valueOf(ch);

                if(name.equals("student")&&password.equals("student123")){
                    String s[]={};
                    StudentPage.main(s);
                    frame.dispose();
                }else{

```

```

JOptionPane.showMessageDialog(StudentLogin.this, "Sorry, username
or password error!");
        textField.setText(""); passwordField.setText("");
    }
}
});
GridLayout gl_contentPane = new GridLayout(contentPane);
gl_contentPane.setHorizontalGroup(
    gl_contentPane.createParallelGroup(Alignment.LEADING)
        .addGroup(gl_contentPane.createSequentialGroup()

.addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)

.addGroup(gl_contentPane.createSequentialGroup()
    .addGap(180)
    .addComponent(lblStudentLogin))

.addGroup(gl_contentPane.createSequentialGroup()
    .addGap(25)

.addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)
    .addComponent(lblName)
    .addComponent(lblPassword))
    .addGap(58)

.addGroup(gl_contentPane.createParallelGroup(Alignment.TRAILING,
false)

.addComponent(passwordField)

.addComponent(textField,
GridLayout.DEFAULT_SIZE, 180, Short.MAX_VALUE)))

.addGroup(gl_contentPane.createSequentialGroup()
    .addGap(177)
    .addComponent(btnLogin,
GridLayout.PREFERRED_SIZE, 86, GridLayout.PREFERRED_SIZE)))
    .addContainerGap(111, Short.MAX_VALUE))
);
gl_contentPane.setVerticalGroup(
    gl_contentPane.createParallelGroup(Alignment.LEADING)
        .addGroup(gl_contentPane.createSequentialGroup()
            .addComponent(lblStudentLogin)
            .addGap(29)

.addGroup(gl_contentPane.createParallelGroup(Alignment.BASELINE)
    .addComponent(lblName)
    .addComponent(textField,
GridLayout.PREFERRED_SIZE, GridLayout.DEFAULT_SIZE,
GridLayout.PREFERRED_SIZE))
    .addGap(27)

```

```

        .addGroup(gl_contentPane.createParallelGroup(Alignment.BASELINE)
            .addComponent(passwordField,
                GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE,
                GroupLayout.PREFERRED_SIZE)
            .addComponent(lblPassword)
            .addGap(36)
            .addComponent(btnLogin,
                GroupLayout.PREFERRED_SIZE, 33, GroupLayout.PREFERRED_SIZE)
            .addContainerGap(51, Short.MAX_VALUE))
        );
        contentPane.setLayout(gl_contentPane);
    }
}

```

## //AdminPage

```

package coe;

import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.JScrollPane;
import javax.swing.JTable;
import javax.swing.border.EmptyBorder;
import javax.swing.GroupLayout;
import javax.swing.GroupLayout.Alignment;
import javax.swing.JLabel;
import java.awt.Font;
import java.awt.Color;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.util.List;
import java.awt.event.ActionEvent;

public class AdminPage extends JFrame {
    static AdminPage frame;
    private JPanel contentPane;
    JScrollPane sp;
    /**
     * Launch the application.
     */
    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {

```

```

        frame = new AdminPage();
        frame.setVisible(true);
    } catch (Exception e) {
        e.printStackTrace();
    }
    });
}

/**
 * Create the frame.
 */
public AdminPage() {
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setBounds(100, 100, 850, 800);
    contentPane = new JPanel();
    contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

    setContentPane(contentPane);

    JLabel lblHeader = new JLabel("Sri Krishna Institution");
    lblHeader.setForeground(Color.GRAY);
    lblHeader.setFont(new Font("Tahoma", Font.PLAIN, 20));

    JLabel lblSubHeader = new JLabel("Controller of
Examination");
    lblSubHeader.setForeground(Color.GRAY);
    lblSubHeader.setFont(new Font("Tahoma", Font.PLAIN, 16));

    JButton btnAddStaff = new JButton("Add Staff");
    btnAddStaff.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            AddStaff.main(new String[]{});
            frame.dispose();
        }
    });

    JButton btnViewStaff = new JButton("View Staff Details");
    btnViewStaff.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            ViewStaff.main(new String[]{});
        }
    });

    JButton btnAddStudent = new JButton("Add Student");
    btnAddStudent.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            AddStudent.main(new String[]{});
            frame.dispose();
        }
    });
}

```

```

        JButton btnViewStudent = new JButton("View Student
Details");
        btnViewStudent.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                ViewStudent.main(new String[]{});
            }
        });

        JButton btnViewForms = new JButton("View Forms");
        btnViewForms.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                Forms.main(new String[]{});
            }
        });

        JButton btnLogout = new JButton("Logout");
        btnLogout.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                Coe.main(new String[]{});
                frame.dispose();
            }
        });

        GroupLayout gl_contentPane = new GroupLayout(contentPane);
        gl_contentPane.setHorizontalGroup(
            gl_contentPane.createParallelGroup(Alignment.LEADING)
                .addGroup(gl_contentPane.createSequentialGroup())

            .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)

            .addGroup(gl_contentPane.createSequentialGroup()
                .addGap(161)
                .addComponent(lblHeader))
                .addGap(161)
                .addComponent(lblSubHeader))

            .addGroup(gl_contentPane.createSequentialGroup()
                .addGap(149)

            .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)
                .addComponent(btnViewStaff,
GroupLayout.PREFERRED_SIZE, 180, GroupLayout.PREFERRED_SIZE)
                .addComponent(btnAddStaff,
GroupLayout.PREFERRED_SIZE, 180, GroupLayout.PREFERRED_SIZE)

            .addComponent(btnViewStudent, GroupLayout.PREFERRED_SIZE, 180,
GroupLayout.PREFERRED_SIZE)

            .addComponent(btnAddStudent, GroupLayout.PREFERRED_SIZE, 180,
GroupLayout.PREFERRED_SIZE)

```

```

        .addComponent(btnViewForms,
 GroupLayout.PREFERRED_SIZE, 180, GroupLayout.PREFERRED_SIZE)
        .addComponent(btnLogout,
 GroupLayout.PREFERRED_SIZE, 180, GroupLayout.PREFERRED_SIZE))
        .addContainerGap(136,
 Short.MAX_VALUE)))
    );
    gl_contentPane.setVerticalGroup(
        gl_contentPane.createParallelGroup(Alignment.LEADING)
        .addGroup(gl_contentPane.createSequentialGroup()
        .addComponent(lblHeader)
        .addGap(29)
        .addComponent(lblSubHeader)
        .addGap(29)
        .addComponent(btnAddStaff,
 GroupLayout.PREFERRED_SIZE, 34, GroupLayout.PREFERRED_SIZE)
        .addGap(18)
        .addComponent(btnViewStaff,
 GroupLayout.PREFERRED_SIZE, 34, GroupLayout.PREFERRED_SIZE)
        .addGap(18)
        .addComponent(btnAddStudent,
 GroupLayout.PREFERRED_SIZE, 34, GroupLayout.PREFERRED_SIZE)
        .addGap(18)
        .addComponent(btnViewStudent,
 GroupLayout.PREFERRED_SIZE, 34, GroupLayout.PREFERRED_SIZE)
        .addGap(18)
        .addComponent(btnViewForms,
 GroupLayout.PREFERRED_SIZE, 34, GroupLayout.PREFERRED_SIZE)
        .addGap(18)
        .addComponent(btnLogout,
 GroupLayout.PREFERRED_SIZE, 34, GroupLayout.PREFERRED_SIZE)
        .addContainerGap(59, Short.MAX_VALUE))
    );
    contentPane.setLayout(gl_contentPane);
}

}

```

## //StaffPage

```

package coe;

import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.JScrollPane;
import javax.swing.JTable;

```

```

import javax.swing.border.EmptyBorder;
import javax.swing.GroupLayout;
import javax.swing.GroupLayout.Alignment;
import javax.swing.JLabel;
import java.awt.Font;
import java.awt.Color;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.util.List;
import java.awt.event.ActionEvent;

public class StaffPage extends JFrame {
    static StaffPage frame;
    private JPanel contentPane;
    JScrollPane sp;
    /**
     * Launch the application.
     */
    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    frame = new StaffPage();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    /**
     * Create the frame.
     */
    public StaffPage() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 850, 800);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

        setContentPane(contentPane);

        JLabel lblHeader = new JLabel("Sri Krishna Institution");
        lblHeader.setForeground(Color.GRAY);
        lblHeader.setFont(new Font("Tahoma", Font.PLAIN, 20));

        JLabel lblSubHeader = new JLabel("Controller of
Examination");
        lblSubHeader.setForeground(Color.GRAY);
        lblSubHeader.setFont(new Font("Tahoma", Font.PLAIN, 16));

        JButton btnAdd = new JButton("Add Student Result");

```



```

btnAdd.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        AddStudentMarks.main(new String[]{});
        frame.dispose();
    }
});

JButton btnView = new JButton("View Student Result");
btnView.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        ViewStudentMarks.main(new String[]{});
    }
});

JButton btnProfile = new JButton("Profile");
btnProfile.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        Achievements.main(new String[]{});
        frame.dispose();
    }
});

JButton btnTime = new JButton("View TimeTable");
btnTime.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        TimeTable.main(new String[]{});
    }
});

JButton btnViewForms = new JButton("View Forms");
btnViewForms.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        Forms.main(new String[]{});
    }
});

JButton btnLogout = new JButton("Logout");
btnLogout.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        Coe.main(new String[]{});
        frame.dispose();
    }
});

GridLayout gl_contentPane = new GridLayout(contentPane);
gl_contentPane.setHorizontalGroup(
    gl_contentPane.createParallelGroup(Alignment.LEADING)
        .addGroup(gl_contentPane.createSequentialGroup()

.addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)

```

```

        .addGroup(gl_contentPane.createSequentialGroup()
                    .addGap(100)
                    .addComponent(lblHeader))
                    .addGap(100)
                    .addComponent(lblSubHeader))

        .addGroup(gl_contentPane.createSequentialGroup()
                    .addGap(100)

        .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)
                    .addComponent(btnView,
 GroupLayout.PREFERRED_SIZE, 200, GroupLayout.PREFERRED_SIZE)
                    .addComponent(btnAdd,
 GroupLayout.PREFERRED_SIZE, 200, GroupLayout.PREFERRED_SIZE)
                    .addComponent(btnTime,
 GroupLayout.PREFERRED_SIZE, 200, GroupLayout.PREFERRED_SIZE)
                    .addComponent(btnProfile,
 GroupLayout.PREFERRED_SIZE, 200, GroupLayout.PREFERRED_SIZE)
                    .addComponent(btnViewForms,
 GroupLayout.PREFERRED_SIZE, 200, GroupLayout.PREFERRED_SIZE)
                    .addComponent(btnLogout,
 GroupLayout.PREFERRED_SIZE, 200, GroupLayout.PREFERRED_SIZE))
                    .addContainerGap(100,
Short.MAX_VALUE)))
    );
    gl_contentPane.setVerticalGroup(
        gl_contentPane.createParallelGroup(Alignment.LEADING)
            .addGroup(gl_contentPane.createSequentialGroup()
                .addComponent(lblHeader)
                .addGap(50)
                .addComponent(lblSubHeader)
                .addGap(50)
                .addComponent(btnAdd,
 GroupLayout.PREFERRED_SIZE, 34, GroupLayout.PREFERRED_SIZE)
                .addGap(10)
                .addComponent(btnView,
 GroupLayout.PREFERRED_SIZE, 34, GroupLayout.PREFERRED_SIZE)
                .addGap(10)
                .addComponent(btnTime,
 GroupLayout.PREFERRED_SIZE, 34, GroupLayout.PREFERRED_SIZE)
                .addGap(10)
                .addComponent(btnProfile,
 GroupLayout.PREFERRED_SIZE, 34, GroupLayout.PREFERRED_SIZE)
                .addGap(10)
                .addComponent(btnViewForms,
 GroupLayout.PREFERRED_SIZE, 34, GroupLayout.PREFERRED_SIZE)
                .addGap(10)
                .addComponent(btnLogout,
 GroupLayout.PREFERRED_SIZE, 34, GroupLayout.PREFERRED_SIZE)
                .addContainerGap(19, Short.MAX_VALUE))
            );

```

```

        contentPane.setLayout(gl_contentPane);
    }

}

```

## //StudentPage

```

package coe;

import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.JScrollPane;
import javax.swing.JTable;
import javax.swing.border.EmptyBorder;
import javax.swing.GroupLayout;
import javax.swing.GroupLayout.Alignment;
import javax.swing.JLabel;
import java.awt.Font;
import java.awt.Color;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.util.List;
import java.awt.event.ActionEvent;

public class StudentPage extends JFrame {
    static StudentPage frame;
    private JPanel contentPane;
    JScrollPane sp;
    /**
     * Launch the application.
     */
    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    frame = new StudentPage();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    /**
     * Create the frame.

```

```

    */
    public StudentPage() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 850, 800);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

        setContentPane(contentPane);

        JLabel lblHeader = new JLabel("Sri Krishna Institution");
        lblHeader.setForeground(Color.GRAY);
        lblHeader.setFont(new Font("Tahoma", Font.PLAIN, 20));

        JLabel lblSubHeader = new JLabel("Controller of
Examination");
        lblSubHeader.setForeground(Color.GRAY);
        lblSubHeader.setFont(new Font("Tahoma", Font.PLAIN, 16));

        JButton btnView = new JButton("View Result");
        btnView.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                ViewStudentMarks.main(new String[]{});
            }
        });

        JButton btnProfile = new JButton("Profile");
        btnProfile.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                Achievements.main(new String[]{});
                frame.dispose();
            }
        });

        JButton btnHT = new JButton("Hall Ticket");
        btnHT.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                AddStudent.main(new String[]{});
                frame.dispose();
            }
        });

        JButton btnTime = new JButton("View TimeTable");
        btnTime.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                HallTicket.main(new String[]{});
            }
        });

        JButton btnViewForms = new JButton("View Forms");
        btnViewForms.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                Forms.main(new String[]{});
            }
        });
    }

```

```

    }
    });

    JButton btnLogout = new JButton("Logout");
    btnLogout.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
            Coe.main(new String[]{});
            frame.dispose();
        }
    });

    GroupLayout gl_contentPane = new GroupLayout(contentPane);
    gl_contentPane.setHorizontalGroup(
        gl_contentPane.createParallelGroup(Alignment.LEADING)
            .addGroup(gl_contentPane.createSequentialGroup())

        .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)

        .addGroup(gl_contentPane.createSequentialGroup()
            .addGap(161)
            .addComponent(lblHeader))
            .addGap(161)
            .addComponent(lblSubHeader))

        .addGroup(gl_contentPane.createSequentialGroup()
            .addGap(149)

        .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)
            .addComponent(btnView,
                GroupLayout.PREFERRED_SIZE, 180, GroupLayout.PREFERRED_SIZE)
            .addComponent(btnProfile,
                GroupLayout.PREFERRED_SIZE, 180, GroupLayout.PREFERRED_SIZE)
            .addComponent(btnTime,
                GroupLayout.PREFERRED_SIZE, 180, GroupLayout.PREFERRED_SIZE)
            .addComponent(btnHT,
                GroupLayout.PREFERRED_SIZE, 180, GroupLayout.PREFERRED_SIZE)
            .addComponent(btnViewForms,
                GroupLayout.PREFERRED_SIZE, 180, GroupLayout.PREFERRED_SIZE)
            .addComponent(btnLogout,
                GroupLayout.PREFERRED_SIZE, 180, GroupLayout.PREFERRED_SIZE))
            .addContainerGap(136,
                Short.MAX_VALUE)))
    );
    gl_contentPane.setVerticalGroup(
        gl_contentPane.createParallelGroup(Alignment.LEADING)
            .addGroup(gl_contentPane.createSequentialGroup()
                .addComponent(lblHeader)
                .addGap(29)
                .addComponent(lblSubHeader)
                .addGap(29)

```

```

        .addComponent(btnView,
 GroupLayout.PREFERRED_SIZE, 34, GroupLayout.PREFERRED_SIZE)
        .addGap(18)
        .addComponent(btnProfile,
 GroupLayout.PREFERRED_SIZE, 34, GroupLayout.PREFERRED_SIZE)
        .addGap(18)
        .addComponent(btnHT,
 GroupLayout.PREFERRED_SIZE, 34, GroupLayout.PREFERRED_SIZE)
        .addGap(18)
        .addComponent(btnTime,
 GroupLayout.PREFERRED_SIZE, 34, GroupLayout.PREFERRED_SIZE)
        .addGap(18)
        .addComponent(btnViewForms,
 GroupLayout.PREFERRED_SIZE, 34, GroupLayout.PREFERRED_SIZE)
        .addGap(18)
        .addComponent(btnLogout,
 GroupLayout.PREFERRED_SIZE, 34, GroupLayout.PREFERRED_SIZE)
        .addContainerGap(59, Short.MAX_VALUE))
    );
    contentPane.setLayout(gl_contentPane);
}

}

```

## //Achievements

```

package coe;
import javax.swing.*;
import java.awt.*;
import java.awt.event.*;
import java.awt.BorderLayout;
import java.awt.EventQueue;
import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.GroupLayout;
import javax.swing.GroupLayout.Alignment;
import javax.swing.JLabel;
import java.awt.Font;
import java.awt.Color;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;

public class Achievements extends JFrame {
    static Achievements frame;
    private JPanel contentPane;

    public static void main(String[] args) {

```

```

       .EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    frame = new Achievements();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    public Achievements() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 450, 300);
        contentPane = new JPanel();
        contentPane.setForeground(Color.GRAY);
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);

        JLabel lblHeader = new JLabel("SRI KRISHNA INSTITUTION");
        lblHeader.setFont(new Font("Tahoma", Font.PLAIN, 40));
        JLabel lblSubHeader = new JLabel("STUDENT BLOG");
        lblSubHeader.setFont(new Font("Tahoma", Font.PLAIN, 20));
        JButton reval = new JButton("ACHIEVEMENT-First year");
        reval.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent arg0) {
                certificatel.main(new String[]{});
                frame.dispose();
            }
        });

        JButton btnod = new JButton("ACHIEVEMENT-Second year");
        btnod.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent arg0) {
                certificate2.main(new String[]{});
                frame.dispose();
            }
        });

        JButton btnnodue = new JButton("ACHIEVEMENT-Third year");
        btnnodue.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent arg0) {
                certificate3.main(new String[]{});
                frame.dispose();
            }
        });

        JButton btntrans = new JButton("ACHIEVEMENT-Fourth year");
        btntrans.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent arg0) {
                certificate4.main(new String[]{});
                frame.dispose();
            }
        });
    }

```

```

    }
    });

    GroupLayout gl_contentPane = new GroupLayout(contentPane);
    gl_contentPane.setHorizontalGroup(
        gl_contentPane.createParallelGroup(Alignment.LEADING)
            .addGroup(gl_contentPane.createSequentialGroup()
                .addGap(143)

            .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)

                // .addComponent(btnhos, Alignment.TRAILING, GroupLayout.DEFAULT_SIZ
                E, GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(btnnode,
                    Alignment.TRAILING, GroupLayout.DEFAULT_SIZE,
                    GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(btntrans,
                    Alignment.TRAILING, GroupLayout.DEFAULT_SIZE,
                    GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(btnod,
                    Alignment.TRAILING, GroupLayout.DEFAULT_SIZE,
                    GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(reval, Alignment.LEADING,
                    GroupLayout.DEFAULT_SIZE, GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

            .addGroup(gl_contentPane.createParallelGroup(Alignment.TRAILING,
                false)

                .addComponent(lblSubHeader)
                .addComponent(lblHeader)))
        .addContainerGap(210, Short.MAX_VALUE)
    );

    gl_contentPane.setVerticalGroup(
        gl_contentPane.createParallelGroup(Alignment.LEADING)
            .addGroup(gl_contentPane.createSequentialGroup()
                .addComponent(lblHeader)
                .addGap(42)
                .addComponent(lblSubHeader)
                .addGap(42)
                .addComponent(reval,
                    GroupLayout.PREFERRED_SIZE, 31, GroupLayout.PREFERRED_SIZE)
                .addGap(30)
                .addComponent(btnod,
                    GroupLayout.PREFERRED_SIZE, 31, GroupLayout.PREFERRED_SIZE)
                .addGap(30)
                .addComponent(btnnode,
                    GroupLayout.PREFERRED_SIZE, 31, GroupLayout.PREFERRED_SIZE)
                .addGap(30)
                .addComponent(btntrans,
                    GroupLayout.PREFERRED_SIZE, 31, GroupLayout.PREFERRED_SIZE)
                .addGap(30)
    );

```



```

        // .addComponent(btnhos, GroupLayout.PREFERRED_SIZE, 31,
        GroupLayout.PREFERRED_SIZE)
                .addContainerGap(91, Short.MAX_VALUE))
        );
        contentPane.setLayout(gl_contentPane);
    }
}

```

```

package coe;
import java.awt.Container;
import java.awt.EventQueue;
import javax.swing.GroupLayout;
import javax.swing.ImageIcon;
import javax.swing.JComponent;
import javax.swing.JFrame;
import javax.swing.JLabel;

public class certificatel extends JFrame {

    public certificatel() {

        initUI();
    }

    private void initUI() {

        ImageIcon ii = loadImage();

        JLabel label = new JLabel(ii);

        createLayout(label);

        setTitle("FIRST YEAR");
        setLocationRelativeTo(null);
        setDefaultCloseOperation(EXIT_ON_CLOSE);
    }

    private ImageIcon loadImage() {

        ImageIcon ii = new ImageIcon("D:\\Coe\\certi1.png");
        return ii;
    }

    private void createLayout(JComponent... arg) {

        Container pane = getContentPane();
        GroupLayout gl = new GroupLayout(pane);
        pane.setLayout(gl);
    }
}

```

```

        gl.setAutoCreateContainerGaps(true);

        gl.setHorizontalGroup(gl.createSequentialGroup()
            .addComponent(arg[0])
        );

        gl.setVerticalGroup(gl.createParallelGroup()
            .addComponent(arg[0])
        );

        pack();
    }

    public static void main(String[] args) {

        EventQueue.invokeLater(() -> {
            certificatel ex = new certificatel();
            ex.setVisible(true);
        });
    }
}

```

```

package coe;
import java.awt.Container;
import java.awt.EventQueue;
import javax.swing.GroupLayout;
import javax.swing.ImageIcon;
import javax.swing.JComponent;
import javax.swing.JFrame;
import javax.swing.JLabel;

public class certificate2 extends JFrame {

    public certificate2() {

        initUI();
    }

    private void initUI() {

        ImageIcon ii = loadImage();

        JLabel label = new JLabel(ii);

        createLayout(label);

        setTitle("SECOND YEAR");
        setLocationRelativeTo(null);
        setDefaultCloseOperation(EXIT_ON_CLOSE);
    }
}

```

```

private ImageIcon loadImage() {

    ImageIcon ii = new ImageIcon("D:\\Coe\\certi2.png");
    return ii;
}

private void createLayout(JComponent... arg) {

    Container pane = getContentPane();
    GroupLayout gl = new GroupLayout(pane);
    pane.setLayout(gl);

    gl.setAutoCreateContainerGaps(true);

    gl.setHorizontalGroup(gl.createSequentialGroup()
        .addComponent(arg[0])
    );

    gl.setVerticalGroup(gl.createParallelGroup()
        .addComponent(arg[0])
    );

    pack();
}

public static void main(String[] args) {

    EventQueue.invokeLater(() -> {
        certificate2 ex = new certificate2();
        ex.setVisible(true);
    });
}
}

```

```

package coe;
import java.awt.Container;
import java.awt.EventQueue;
import javax.swing.GroupLayout;
import javax.swing.ImageIcon;
import javax.swing.JComponent;
import javax.swing.JFrame;
import javax.swing.JLabel;

public class certificate3 extends JFrame {

    public certificate3() {

        initUI();
    }
}

```

```

private void initUI() {

    ImageIcon ii = loadImage();

    JLabel label = new JLabel(ii);

    createLayout(label);

    setTitle("THIRD YEAR");
    setLocationRelativeTo(null);
    setDefaultCloseOperation(EXIT_ON_CLOSE);
}

private ImageIcon loadImage() {

    ImageIcon ii = new ImageIcon("D:\\Coe\\certi3.png");
    return ii;
}

private void createLayout(JComponent... arg) {

    Container pane = getContentPane();
    GroupLayout gl = new GroupLayout(pane);
    pane.setLayout(gl);

    gl.setAutoCreateContainerGaps(true);

    gl.setHorizontalGroup(gl.createSequentialGroup()
        .addComponent(arg[0])
    );

    gl.setVerticalGroup(gl.createParallelGroup()
        .addComponent(arg[0])
    );

    pack();
}

public static void main(String[] args) {

    EventQueue.invokeLater(() -> {
        certificate3 ex = new certificate3();
        ex.setVisible(true);
    });
}
}

```

```

package coe;

```

```

import java.awt.Container;
import java.awt.EventQueue;
import javax.swing.GroupLayout;
import javax.swing.ImageIcon;
import javax.swing.JComponent;
import javax.swing.JFrame;
import javax.swing.JLabel;

public class certificate4 extends JFrame {

    public certificate4() {

        initUI();
    }

    private void initUI() {

        ImageIcon ii = loadImage();

        JLabel label = new JLabel(ii);

        createLayout(label);

        setTitle("FINAL YEAR");
        setLocationRelativeTo(null);
        setDefaultCloseOperation(EXIT_ON_CLOSE);
    }

    private ImageIcon loadImage() {

        ImageIcon ii = new ImageIcon("D:\\Coe\\certi4.png");
        return ii;
    }

    private void createLayout(JComponent... arg) {

        Container pane = getContentPane();
        GroupLayout gl = new GroupLayout(pane);
        pane.setLayout(gl);

        gl.setAutoCreateContainerGaps(true);

        gl.setHorizontalGroup(gl.createSequentialGroup()
            .addComponent(arg[0])
        );

        gl.setVerticalGroup(gl.createParallelGroup()
            .addComponent(arg[0])
        );

        pack();
    }
}

```

```

    public static void main(String[] args) {

        EventQueue.invokeLater(() -> {
            certificate4 ex = new certificate4();
            ex.setVisible(true);
        });
    }
}

```

## //AddStaff

```

package coe;

import java.io.FileWriter;
import java.io.BufferedWriter;
import java.io.PrintWriter;
import java.io.IOException;
import java.util.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import javax.swing.JFrame;
import javax.swing.*;

public class AddStaff extends JFrame implements ActionListener
{

    JLabel l6=new JLabel("ADD STAFF");
    JLabel l1=new JLabel("NAME");
    JLabel l2=new JLabel("STAFF ID");
    JLabel l5 =new JLabel("CONTACT NUMBER");

    JLabel l4=new JLabel("GENDER");
    JTextField t1=new JTextField();
    JTextField t2=new JTextField();
    JTextField t3=new JTextField();
    JCheckBox c1=new JCheckBox("MALE");
    JCheckBox c2=new JCheckBox("FEMALE");
    ButtonGroup bg=new ButtonGroup();

    JButton b=new JButton("SUBMIT");

    public AddStaff()

```

```

{
setTitle("ADD STAFF");
this.setLayout(null);
this.setVisible(true);
this.setSize(700,700);
l6.setBounds(300,10,200,40);
l1.setBounds(100,100,200,40);
l2.setBounds(100,200,200,40);
//l3.setBounds(100,300,200,40);
l4.setBounds(100,400,200,40);
l5.setBounds(100,300,200,40);
add(l1);
add(l2);
//add(l3);
add(l4);
add(l6);
add(l5);
t1.setBounds(250,100,150,40);
add(t1);
t2.setBounds(250,200,150,40);
add(t2);
t3.setBounds(250,300,150,40);
add(t3);
c1.setBounds(250,400,100,40);
c2.setBounds(350,400,100,40);
add(c1);
add(c2);
bg.add(c1);
bg.add(c2);

b.setBounds(200,550,100,60);
add(b);
b.addActionListener(this);
}
public static void main(String[] args)
{
new AddStaff();
}
public void actionPerformed(ActionEvent ar)
{

if(ar.getSource()==b)
{
this.hide();
String aa=t1.getText();
String ab= t2.getText();
String ac=t3.getText();

    try(FileWriter fw = new FileWriter("D:\\Coe\\staff.txt", true);
        BufferedWriter bw = new BufferedWriter(fw);
        PrintWriter out = new PrintWriter(bw))
    {

```

```

        out.print("STAFF NAME: "+aa);
        out.print("    STAFF ID:"+ab);
        out.print("    CONTACT NUMBER: "+ac);
        if(c1.isSelected()) {
            out.println("    Gender: MALE");
        }
        else if(c2.isSelected()) {
            out.println("    Gender: FEMALE");
        }
        else {
            out.println("    Gender: other");
        }

        //more code
        //out.println("more text");
        //more code
    } catch (IOException e) {
        //exception handling left as an exercise for the reader
    }

}

}

}

```

## //AddStudent

```

package coe;
import java.io.BufferedWriter;
import java.io.FileWriter;
import java.io.IOException;
import java.io.PrintWriter;
import java.util.*;
    import java.awt.event.ActionEvent;
        import java.awt.event.ActionListener;
        import javax.swing.JFrame;
        import javax.swing.*;
        public class AddStudent extends JFrame implements
ActionListener
    {

        JLabel l6=new JLabel("ADD STUDENT");
        JLabel l1=new JLabel("NAME");
        JLabel l2=new JLabel("STUDENT ID");
        JLabel l5 =new JLabel("CONTACT NUMBER");

        JLabel l4=new JLabel("GENDER");
        JTextField t1=new JTextField();
        JTextField t2=new JTextField();
    }

```



```

JTextField t3=new JTextField();
JCheckBox c1=new JCheckBox("MALE");
JCheckBox c2=new JCheckBox("FEMALE");
ButtonGroup bg=new ButtonGroup();

JButton b=new JButton("SUBMIT");
//JPasswordField p=new JPasswordField();

public AddStudent()
{
setTitle("ADD STUDENT");
this.setLayout(null);
this.setVisible(true);
this.setSize(700,700);
l6.setBounds(300,10,200,40);
l1.setBounds(100,100,200,40);
l2.setBounds(100,200,200,40);
//l3.setBounds(100,300,200,40);
l4.setBounds(100,400,200,40);
l5.setBounds(100,300,200,40);
add(l1);
add(l2);
//add(l3);
add(l4);
add(l6);
add(l5);
t1.setBounds(250,100,150,40);
add(t1);
t2.setBounds(250,200,150,40);
add(t2);
t3.setBounds(250,300,150,40);
add(t3);

c1.setBounds(250,400,100,40);
c2.setBounds(350,400,100,40);
add(c1);
add(c2);
bg.add(c1);
bg.add(c2);

b.setBounds(200,550,100,60);
add(b);
b.addActionListener(this);
}
public static void main(String[] args)
{
new AddStudent();
}
public void actionPerformed(ActionEvent ar)
{

```

```

        if(ar.getSource()==b)
        {
            this.hide();
            String aa=t1.getText();
            String ab= t2.getText();
            String ac=t3.getText();

            try(FileWriter fw = new FileWriter("D:\\Coe\\student.txt",
true);
                BufferedWriter bw = new BufferedWriter(fw);
                PrintWriter out = new PrintWriter(bw))
            {
                out.print("STUDENT NAME: "+aa);
                out.print("    STUDENT ID:"+ab);
                out.print("    CONTACT NUMBER: "+ac);
                if(c1.isSelected()) {
                    out.println("    Gender: MALE");
                }
                else if(c2.isSelected()) {
                    out.println("    Gender: FEMALE");
                }
                else {
                    out.println("    Gender: other");
                }

                //more code
                //out.println("more text");
                //more code
            } catch (IOException e) {
                //exception handling left as an exercise for the reader
            }

        }
    }
}

```

## //AddStudentMarks

```

package coe;

import java.io.BufferedWriter;
import java.io.FileWriter;
import java.io.IOException;
import java.io.PrintWriter;
import java.util.*;

```

```

import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import javax.swing.JFrame;
import javax.swing.*;
public class AddStudentMarks extends JFrame implements
ActionListener
{

    JLabel l1=new JLabel("NAME");
    JLabel l2=new JLabel("ID");
    JLabel l3=new JLabel("MARKS");
    JLabel l4 =new JLabel("Sub 1 : ");
    JLabel l5 =new JLabel("Sub 2 : ");
    JLabel l6 =new JLabel("Sub 3 : ");
    JLabel l7 =new JLabel("Sub 4 : ");
    JLabel l8 =new JLabel("Sub 5 : ");
    JLabel l9 =new JLabel("Attendance : ");


    JTextField t1=new JTextField();
    JTextField t2=new JTextField();
    JTextField sub1=new JTextField();
    JTextField sub2=new JTextField();
    JTextField sub3=new JTextField();
    JTextField sub4=new JTextField();
    JTextField sub5=new JTextField();
    JTextField att=new JTextField();


    JButton cal=new JButton("Calculate GPA");
    JButton submit=new JButton("SUBMIT");
    //JPasswordField p=new JPasswordField();


    public AddStudentMarks()
    {
        setTitle("ADD STUDENT MARKS");
        this.setLayout(null);
        this.setVisible(true);
        this.setSize(800,800);
        l1.setBounds(100,50,50,20);
        l2.setBounds(100,100,50,20);
        l3.setBounds(200,165,50,20);
        l4.setBounds(100,200,50,20);
        l5.setBounds(100,250,50,20);
        l6.setBounds(100,300,50,20);
        l7.setBounds(100,350,50,20);
        l8.setBounds(100,400,50,20);
        l9.setBounds(200,500,100,20);
        add(l1);
        add(l2);
        add(l3);

```

```

add(l4);
add(l6);
add(l5);
add(l7);
add(l8);
add(l9);
t1.setBounds(250,50,150,40);
add(t1);
t2.setBounds(250,100,150,40);
add(t2);
sub1.setBounds(250,200,150,20);
add(sub1);
sub2.setBounds(250,250,150,20);
add(sub2);
sub3.setBounds(250,300,150,20);
add(sub3);
sub4.setBounds(250,350,150,20);
add(sub4);
sub5.setBounds(250,400,150,20);
add(sub5);
att.setBounds(350,500,150,20);
add(att);


submit.setBounds(300,600,100,50);
add(submit);
submit.addActionListener(this);
}
public static void main(String[] args)
{
    new AddStudentMarks();
}
public void actionPerformed(ActionEvent ar)
{
    if(ar.getSource()==submit)
    {
        this.hide();
        String name=t1.getText();
        String id= t2.getText();
        String msub1=sub1.getText();
        String msub2=sub2.getText();
        String msub3=sub3.getText();
        String msub4=sub4.getText();
        String msub5=sub5.getText();
        int a = Integer.parseInt(msub1);
        int b = Integer.parseInt(msub2);
        int c = Integer.parseInt(msub3);
        int d = Integer.parseInt(msub4);
        int e = Integer.parseInt(msub5);
        double mgpa;
        mgpa = (a+b+c+d+e)/50.0;
    }
}

```

```

        try(FileWriter fw = new
FileWriter("D:\\Coe\\studentmarks.txt", true);
        BufferedWriter bw = new BufferedWriter(fw);
        PrintWriter out = new PrintWriter(bw))
        {
            out.print("STUDENT NAME: "+name);
            out.print("    STUDENT ID:"+id);
            out.print("    SUB 1: "+msub1);
            out.print("    SUB 2: "+msub2);
            out.print("    SUB 3: "+msub3);
            out.print("    SUB 4: "+msub4);
            out.print("    SUB 5: "+msub5);
            out.print("    GPA: "+mgpa);
            out.print("    Attendance: "+mgpa);

            //more code
            //out.println("more text");
            //more code
        } catch (IOException f) {
            //exception handling left as an exercise for the reader
        }
    }
}
}

```

## //ViewStudentMarks

```

package coe;
import java.awt.BorderLayout;
import java.io.BufferedReader;
import java.io.File;
import java.io.FileInputStream;
import java.io.InputStreamReader;
import javax.swing.JButton;
import javax.swing.JFileChooser;
import javax.swing.JFrame;
import javax.swing.JTextArea;

public class ViewStudentMarks {
    public static void main(String... args) {
        JFileChooser fc = new JFileChooser();
        JFrame frame = new JFrame();
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

        JTextArea tarea = new JTextArea(10, 10);
    }
}

```

```

        File file = new File("D:\\Coe\\studentmarks.txt");
        try {
            BufferedReader input = new BufferedReader(new
InputStreamReader(
                new FileInputStream(file)));
            tarea.read(input, "READING FILE :-");
        } catch (Exception e) {
            e.printStackTrace();
        }

        frame.getContentPane().add(tarea, BorderLayout.CENTER);
        frame.pack();
        frame.setVisible(true);
    }
}

```

## //TimeTable

```

package coe;
import javax.swing.*;
import java.awt.*;
import java.awt.event.*;

import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.GroupLayout;
import javax.swing.GroupLayout.Alignment;
import javax.swing.JLabel;
import java.awt.Font;
import java.awt.Color;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;

public class TimeTable extends JFrame {
    static TimeTable frame;
    private JPanel contentPane;

    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    frame = new TimeTable();
                    frame.setVisible(true);
                } catch (Exception e) {

```

```

        e.printStackTrace();
    }
}

});

}

public TimeTable() {
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setBounds(100, 100, 450, 300);
    contentPane = new JPanel();
    contentPane.setForeground(Color.GRAY);
    contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
    setContentPane(contentPane);

    JLabel lblHeader = new JLabel("SRI KRISHNA INSTITUTION");
    lblHeader.setFont(new Font("Tahoma", Font.PLAIN, 20));
    JLabel lblSubHeader = new JLabel("TIME TABLE");
    lblSubHeader.setFont(new Font("Tahoma", Font.PLAIN, 16));

    JButton reval = new JButton("FIRST YEAR");
    reval.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent arg0) {
            first.main(new String[]{});
            frame.dispose();
        }
    });

    JButton btnod = new JButton("SECOND YEAR");
    btnod.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent arg0) {
            second.main(new String[]{});
            frame.dispose();
        }
    });

    JButton btnnodue = new JButton("THIRD YEAR");
    btnnodue.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent arg0) {
            third.main(new String[]{});
            frame.dispose();
        }
    });

    JButton btntrans = new JButton("FOURTH YEAR");
    btntrans.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent arg0) {
            fourth.main(new String[]{});
            frame.dispose();
        }
    });

    JButton btnhos = new JButton("ARREAR EXAM");
    btnhos.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent arg0) {

```

```

        arrear.main(new String[]{});
        frame.dispose();
    }
});

GroupLayout gl_contentPane = new GroupLayout(contentPane);
gl_contentPane.setHorizontalGroup(
    gl_contentPane.createParallelGroup(Alignment.LEADING)
        .addGroup(gl_contentPane.createSequentialGroup()
            .addGap(143)

            .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)

                .addComponent(btnhos, Alignment.TRAILING, GroupLayout.DEFAULT_SIZE,
                    GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(btnnodue,
                        Alignment.TRAILING, GroupLayout.DEFAULT_SIZE,
                        GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(btntrans,
                            Alignment.TRAILING, GroupLayout.DEFAULT_SIZE,
                            GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                            .addComponent(btnod,
                                Alignment.TRAILING, GroupLayout.DEFAULT_SIZE,
                                GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

                                .addComponent(reval, Alignment.TRAILING, GroupLayout.DEFAULT_SIZE,
                                    GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

                                    .addGroup(gl_contentPane.createParallelGroup(Alignment.TRAILING,
                                        false)

                                            .addComponent(lblSubHeader)
                                            .addComponent(lblHeader)))
                                        .addContainerGap(210, Short.MAX_VALUE)
                                    );

gl_contentPane.setVerticalGroup(
    gl_contentPane.createParallelGroup(Alignment.LEADING)
        .addGroup(gl_contentPane.createSequentialGroup()
            .addComponent(lblHeader)
            .addGap(42)
            .addComponent(lblSubHeader)
            .addGap(42)
            .addComponent(reval,
                GroupLayout.PREFERRED_SIZE, 31, GroupLayout.PREFERRED_SIZE)
                .addGap(30)
                .addComponent(btnod,
                    GroupLayout.PREFERRED_SIZE, 31, GroupLayout.PREFERRED_SIZE)
                    .addGap(30)
                    .addComponent(btnnodue,
                        GroupLayout.PREFERRED_SIZE, 31, GroupLayout.PREFERRED_SIZE)
                        .addGap(30)

```



```

                                .addComponent(btntrans,
GridLayout.PREFERRED_SIZE, 31, GridLayout.PREFERRED_SIZE)
                                .addGap(30)

                                .addComponent(btnhos,GridLayout.PREFERRED_SIZE,31,
GridLayout.PREFERRED_SIZE)
                                .addContainerGap(91, Short.MAX_VALUE))
                                );
                                contentPane.setLayout(gl_contentPane);
                                }
                                }

```

```

package coe;
import java.awt.Container;
import java.awt.EventQueue;
import javax.swing.GroupLayout;
import javax.swing.ImageIcon;
import javax.swing.JComponent;
import javax.swing.JFrame;
import javax.swing.JLabel;

public class first extends JFrame {

    public first() {

        initUI();

    }

    private void initUI() {

        ImageIcon ii = loadImage();

        JLabel label = new JLabel(ii);

        createLayout(label);

        setTitle("FIRST YEAR");
        setLocationRelativeTo(null);
        setDefaultCloseOperation(EXIT_ON_CLOSE);

    }

    private ImageIcon loadImage() {

        ImageIcon ii = new ImageIcon("D:\\Coe\\firstttt.png");
        return ii;

    }
}

```

```

private void createLayout(JComponent... arg) {

    Container pane = getContentPane();
    GroupLayout gl = new GroupLayout(pane);
    pane.setLayout(gl);

    gl.setAutoCreateContainerGaps(true);

    gl.setHorizontalGroup(gl.createSequentialGroup()
        .addComponent(arg[0])
    );

    gl.setVerticalGroup(gl.createParallelGroup()
        .addComponent(arg[0])
    );

    pack();
}

public static void main(String[] args) {

    EventQueue.invokeLater(() -> {
        first ex = new first();
        ex.setVisible(true);
    });
}
}

```

```

package coe;
import java.awt.Container;
import java.awt.EventQueue;
import javax.swing.GroupLayout;
import javax.swing.ImageIcon;
import javax.swing.JComponent;
import javax.swing.JFrame;
import javax.swing.JLabel;

public class second extends JFrame {

    public second() {

        initUI();
    }

    private void initUI() {

        ImageIcon ii = loadImage();

```

```

        JLabel label = new JLabel(ii);

        createLayout(label);

        setTitle("second YEAR");
        setLocationRelativeTo(null);
        setDefaultCloseOperation(EXIT_ON_CLOSE);
    }

    private ImageIcon loadImage() {

        ImageIcon ii = new ImageIcon("D:\\Coe\\secondtt.png");
        return ii;
    }

    private void createLayout(JComponent... arg) {

        Container pane = getContentPane();
        GroupLayout gl = new GroupLayout(pane);
        pane.setLayout(gl);

        gl.setAutoCreateContainerGaps(true);

        gl.setHorizontalGroup(gl.createSequentialGroup()
            .addComponent(arg[0])
        );

        gl.setVerticalGroup(gl.createParallelGroup()
            .addComponent(arg[0])
        );

        pack();
    }

    public static void main(String[] args) {

        EventQueue.invokeLater(() -> {
            second ex = new second();
            ex.setVisible(true);
        });
    }
}

```

```

package coe;
import java.awt.Container;
import java.awt.EventQueue;

```

```

import javax.swing.GroupLayout;
import javax.swing.ImageIcon;
import javax.swing.JComponent;
import javax.swing.JFrame;
import javax.swing.JLabel;

public class third extends JFrame {

    public third() {

        initUI();
    }

    private void initUI() {

        ImageIcon ii = loadImage();

        JLabel label = new JLabel(ii);

        createLayout(label);

        setTitle("third YEAR");
        setLocationRelativeTo(null);
        setDefaultCloseOperation(EXIT_ON_CLOSE);
    }

    private ImageIcon loadImage() {

        ImageIcon ii = new ImageIcon("D:\\Coe\\thirdddtt.png");
        return ii;
    }

    private void createLayout(JComponent... arg) {

        Container pane = getContentPane();
        GroupLayout gl = new GroupLayout(pane);
        pane.setLayout(gl);

        gl.setAutoCreateContainerGaps(true);

        gl.setHorizontalGroup(gl.createSequentialGroup()
            .addComponent(arg[0])
        );

        gl.setVerticalGroup(gl.createParallelGroup()
            .addComponent(arg[0])
        );

        pack();
    }

    public static void main(String[] args) {

```

```

        EventQueue.invokeLater(() -> {
            third ex = new third();
            ex.setVisible(true);
        });
    }
}

```

```

package coe;
import java.awt.Container;
import java.awt.EventQueue;
import javax.swing.GroupLayout;
import javax.swing.ImageIcon;
import javax.swing.JComponent;
import javax.swing.JFrame;
import javax.swing.JLabel;

public class fourth extends JFrame {

    public fourth() {

        initUI();
    }

    private void initUI() {

        ImageIcon ii = loadImage();

        JLabel label = new JLabel(ii);

        createLayout(label);

        setTitle("fourth YEAR");
        setLocationRelativeTo(null);
        setDefaultCloseOperation(EXIT_ON_CLOSE);
    }

    private ImageIcon loadImage() {

        ImageIcon ii = new ImageIcon("D:\\Coe\\fourthtt.png");
        return ii;
    }

    private void createLayout(JComponent... arg) {

        Container pane = getContentPane();
        GroupLayout gl = new GroupLayout(pane);
    }
}

```

```

        pane.setLayout(gl);

        gl.setAutoCreateContainerGaps(true);

        gl.setHorizontalGroup(gl.createSequentialGroup()
            .addComponent(arg[0])
        );

        gl.setVerticalGroup(gl.createParallelGroup()
            .addComponent(arg[0])
        );

        pack();
    }

    public static void main(String[] args) {

        EventQueue.invokeLater(() -> {
            fourth ex = new fourth();
            ex.setVisible(true);
        });
    }
}

```

```

package coe;
import java.awt.Container;
import java.awt.EventQueue;
import javax.swing.GroupLayout;
import javax.swing.ImageIcon;
import javax.swing.JComponent;
import javax.swing.JFrame;
import javax.swing.JLabel;

public class arrear extends JFrame {

    public arrear() {

        initUI();
    }

    private void initUI() {

        ImageIcon ii = loadImage();

        JLabel label = new JLabel(ii);
    }
}

```

```

        createLayout(label);

        setTitle("ARREAR YEAR");
        setLocationRelativeTo(null);
        setDefaultCloseOperation(EXIT_ON_CLOSE);
    }

    private ImageIcon loadImage() {

        ImageIcon ii = new ImageIcon("D:\\Coe\\arreartt.png");
        return ii;
    }

    private void createLayout(JComponent... arg) {

        Container pane = getContentPane();
        GroupLayout gl = new GroupLayout(pane);
        pane.setLayout(gl);

        gl.setAutoCreateContainerGaps(true);

        gl.setHorizontalGroup(gl.createSequentialGroup()
            .addComponent(arg[0])
        );

        gl.setVerticalGroup(gl.createParallelGroup()
            .addComponent(arg[0])
        );

        pack();
    }

    public static void main(String[] args) {

        EventQueue.invokeLater(() -> {
            arrear ex = new arrear();
            ex.setVisible(true);
        });
    }
}

```

## //StudentGrade

```

package coe;

import java.awt.*;

```

```

import javax.swing.*;
import java.awt.event.*;
public class StudentGrade {
    double totalMarks;
    String grade;

    public void setTotalMarks(double totalMarks) {
        this.totalMarks = totalMarks;
    }

    public double getTotalMarks() {
        return totalMarks;
    }

    public void setGrade(String grade) {
        this.grade = grade;
    }

    public String getGrade(){
        return grade;
    }

    public static void main(String[] args){
        JLabel lab=new JLabel("Enter number of students in class: ");
        final JTextField text=new JTextField(20);

        JButton b=new JButton("Find");
        lab.setBounds(10,10,150,20);
        text.setBounds(180,10,100,20);
        b.setBounds(180,40,100,20);

        JFrame f=new JFrame();
        f.setLayout(null);
        f.add(lab);
        f.add(text);
        f.add(b);
        f.setSize(300,100);
        f.setVisible(true);
        b.addActionListener(new ActionListener(){
            public void actionPerformed(ActionEvent e){

                int num = Integer.parseInt(text.getText());
                StudentGrade data[] = new StudentGrade[num];
                for(int a = 0; a < data.length; a++) {
                    String input=JOptionPane.showInputDialog(null,"Enter
student programming marks: ");

                    double marks = Double.parseDouble(input);
                    data[a] = new StudentGrade();
                    data[a].setTotalMarks(marks);

                    if (marks < 40){

```



```

        data[a].setGrade("E");
    }

    if (marks >= 40 && marks <= 44) {
        data[a].setGrade("D");
    }

    if (marks >= 45 && marks <= 49) {
        data[a].setGrade("D+");
    }

    if (marks >= 50 && marks <= 54) {
        data[a].setGrade("C-");
    }

    if (marks >= 55 && marks <= 59) {
        data[a].setGrade("C");
    }

    if (marks >= 60 && marks <= 64) {
        data[a].setGrade("C+");
    }

    if (marks >= 65 && marks <= 69) {
        data[a].setGrade("B-");
    }

    if (marks >= 70 && marks <= 74) {
        data[a].setGrade("B");
    }

    if (marks >= 75 && marks <= 79) {
        data[a].setGrade("B+");
    }

    if (marks >= 80 && marks <= 84) {
        data[a].setGrade("A");
    }

    if (marks >= 85 && marks <= 100)
        data[a].setGrade("A+");
}

int count1 = 0;
int count2 = 0;
int count3 = 0;
int count4 = 0;
int count5 = 0;
int count6 = 0;
int count7 = 0;
int count8 = 0;
int count9 = 0;

```

```

int count10 = 0;
int count11 = 0;
for (int i = 0; i < num; i++) {
    StudentGrade show = data[i];
    String g = show.getGrade();
    if (g.equals("A+")) {
        count1++;
    }
    if (g.equals("A")) {
        count2++;
    }
    if (g.equals("B+")) {
        count3++;
    }
    if (g.equals("B")) {
        count4++;
    }
    if (g.equals("B-")) {
        count5++;
    }
    if (g.equals("C+")) {
        count6++;
    }
    if (g.equals("C")) {
        count7++;
    }
    if (g.equals("C-")) {
        count8++;
    }
    if (g.equals("D+")) {
        count9++;
    }
    if (g.equals("D")) {
        count10++;
    }
    if (g.equals("E")) {
        count11++;
    }
}

JOptionPane.showMessageDialog(null, "Number of student getting
A+ and A grade: "
    + (count1 + count2));
JOptionPane.showMessageDialog(null, "Number of student getting
B+ and B grade: "
    + (count3 + count4));
JOptionPane.showMessageDialog(null, "Number of student getting
A and B+ grade: "
    + (count2 + count3));
JOptionPane.showMessageDialog(null, "Number of student getting
B and B- grade: "
    + (count4 + count5));

```

```

        JOptionPane.showMessageDialog(null, "Number of student getting
B- and C+ grade: "
        + (count5 + count6));
        JOptionPane.showMessageDialog(null, "Number of student getting
C+ and C grade: "
        + (count6 + count7));
        JOptionPane.showMessageDialog(null, "Number of student getting
C and C- grade: "
        + (count7 + count8));
        JOptionPane.showMessageDialog(null, "Number of student getting
C- and D grade: "
        + (count8 + count9));
        JOptionPane.showMessageDialog(null, "Number of student getting
D and D- grade: "
        + (count9 + count10));
        JOptionPane.showMessageDialog(null, "Number of student getting
D- and E grade: "
        + (count10 + count11));

    }
});
}
}

```

## //Forms

```

package coe;

import javax.swing.*;
import java.awt.*;
import java.awt.event.*;

import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.GroupLayout;
import javax.swing.GroupLayout.Alignment;
import javax.swing.JLabel;
import java.awt.Font;
import java.awt.Color;
import javax.swing.JButton;
import java.awt.event.ActionListener;

```

```

import java.awt.event.ActionEvent;

public class Forms extends JFrame {
    static Forms frame;
    private JPanel contentPane;

    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    frame = new Forms();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    public Forms() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 450, 300);
        contentPane = new JPanel();
        contentPane.setForeground(Color.GRAY);
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);

        JLabel lblHeader = new JLabel("SRI KRISHNA INSTITUTION");
        lblHeader.setFont(new Font("Tahoma", Font.PLAIN, 20));
        JLabel lblSubHeader = new JLabel("FORMS");
        lblSubHeader.setFont(new Font("Tahoma", Font.PLAIN, 16));

        JButton reval = new JButton("REVALUATION FORM");
        reval.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent arg0) {
                Reevaluation.main(new String[]{});
                frame.dispose();
            }
        });

        JButton btnod = new JButton("LEAVE/ON DUTY FORM");
        btnod.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent arg0) {
                LeaveOD.main(new String[]{});
                frame.dispose();
            }
        });

        JButton btnnodue = new JButton("NO-DUE FORM");
        btnnodue.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent arg0) {
                NoDue.main(new String[]{});
            }
        });
    }
}

```

```

        frame.dispose();
    }
});
JButton btntrans = new JButton("TRANSPORT FORM");
btntrans.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent arg0) {
        Transport.main(new String[]{});
        frame.dispose();
    }
});
JButton btnhos = new JButton("HOSTEL FORM");
btnhos.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent arg0) {
        Hostel.main(new String[]{});
        frame.dispose();
    }
});

GroupLayout gl_contentPane = new GroupLayout(contentPane);
gl_contentPane.setHorizontalGroup(
    gl_contentPane.createParallelGroup(Alignment.LEADING)
        .addGroup(gl_contentPane.createSequentialGroup()
            .addGap(143)

            .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)

                .addComponent(btnhos, Alignment.TRAILING, GroupLayout.DEFAULT_SIZE,
                    GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(btnnode,
                        Alignment.TRAILING, GroupLayout.DEFAULT_SIZE,
                        GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(btntrans,
                        Alignment.TRAILING, GroupLayout.DEFAULT_SIZE,
                        GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(btnod,
                        Alignment.TRAILING, GroupLayout.DEFAULT_SIZE,
                        GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

                .addComponent(reval, Alignment.TRAILING, GroupLayout.DEFAULT_SIZE,
                    GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

                .addGroup(gl_contentPane.createParallelGroup(Alignment.TRAILING,
                    false)

                        .addComponent(lblSubHeader)
                        .addComponent(lblHeader)))
                    .addContainerGap(210, Short.MAX_VALUE)
            );

gl_contentPane.setVerticalGroup(
    gl_contentPane.createParallelGroup(Alignment.LEADING)
        .addGroup(gl_contentPane.createSequentialGroup()
            .addComponent(lblHeader)

```

```

        .addGap(42)
        .addComponent(lblSubHeader)
        .addGap(42)
        .addComponent(reval,
GroupLayout.PREFERRED_SIZE, 31, GroupLayout.PREFERRED_SIZE)
        .addGap(30)
        .addComponent(btnod,
GroupLayout.PREFERRED_SIZE, 31, GroupLayout.PREFERRED_SIZE)
        .addGap(30)
        .addComponent(btnnodue,
GroupLayout.PREFERRED_SIZE, 31, GroupLayout.PREFERRED_SIZE)
        .addGap(30)
        .addComponent(btntrans,
GroupLayout.PREFERRED_SIZE, 31, GroupLayout.PREFERRED_SIZE)
        .addGap(30)

        .addComponent(btnhos,GroupLayout.PREFERRED_SIZE,31,
GroupLayout.PREFERRED_SIZE)
        .addContainerGap(91, Short.MAX_VALUE))
    );
    contentPane.setLayout(gl_contentPane);
}
}

```

```
package coe;
```

```

import java.awt.Container;
import java.awt.EventQueue;
import javax.swing.GroupLayout;
import javax.swing.ImageIcon;
import javax.swing.JComponent;
import javax.swing.JFrame;
import javax.swing.JLabel;

public class Hostel extends JFrame {

    public Hostel() {

        initUI();
    }

    private void initUI() {

        ImageIcon ii = loadImage();

```

```

        JLabel label = new JLabel(ii);

        createLayout(label);

        setTitle("HOSTEL FORM");
        setLocationRelativeTo(null);
        setDefaultCloseOperation(EXIT_ON_CLOSE);
    }

    private ImageIcon loadImage() {

        ImageIcon ii = new ImageIcon("D:\\Coe\\hostel.png");
        return ii;
    }

    private void createLayout(JComponent... arg) {

        Container pane = getContentPane();
        GroupLayout gl = new GroupLayout(pane);
        pane.setLayout(gl);

        gl.setAutoCreateContainerGaps(true);

        gl.setHorizontalGroup(gl.createSequentialGroup()
            .addComponent(arg[0])
        );

        gl.setVerticalGroup(gl.createParallelGroup()
            .addComponent(arg[0])
        );

        pack();
    }

    public static void main(String[] args) {

        EventQueue.invokeLater(() -> {
            Hostel ex = new Hostel();
            ex.setVisible(true);
        });
    }
}

```

```

package coe;

```

```

import java.awt.Container;
import java.awt.EventQueue;
import javax.swing.GroupLayout;
import javax.swing.ImageIcon;
import javax.swing.JComponent;
import javax.swing.JFrame;
import javax.swing.JLabel;

public class LeaveOD extends JFrame {

    public LeaveOD() {

        initUI();
    }

    private void initUI() {

        ImageIcon ii = loadImage();

        JLabel label = new JLabel(ii);

        createLayout(label);

        setTitle("LEAVE/ON-DUTY FORM");
        setLocationRelativeTo(null);
        setDefaultCloseOperation(EXIT_ON_CLOSE);
    }

    private ImageIcon loadImage() {

        ImageIcon ii = new ImageIcon("D:\\Coe\\od.png");
        return ii;
    }

    private void createLayout(JComponent... arg) {

        Container pane = getContentPane();
        GroupLayout gl = new GroupLayout(pane);
        pane.setLayout(gl);

        gl.setAutoCreateContainerGaps(true);

        gl.setHorizontalGroup(gl.createSequentialGroup()
            .addComponent(arg[0])
        );

        gl.setVerticalGroup(gl.createParallelGroup()
            .addComponent(arg[0])
        );

        pack();
    }
}

```



```

        public static void main(String[] args) {

            EventQueue.invokeLater(() -> {
                LeaveOD ex = new LeaveOD();
                ex.setVisible(true);
            });
        }
    }
}

```

```
package coe;
```

```

import java.awt.Container;
import java.awt.EventQueue;
import javax.swing.GroupLayout;
import javax.swing.ImageIcon;
import javax.swing.JComponent;
import javax.swing.JFrame;
import javax.swing.JLabel;

```

```
public class NoDue extends JFrame {
```

```
    public NoDue() {
```

```
        initUI();
    }

```

```
    private void initUI() {
```

```
        ImageIcon ii = loadImage();

        JLabel label = new JLabel(ii);

        createLayout(label);

        setTitle("NO-DUE FORM");
        setLocationRelativeTo(null);
        setDefaultCloseOperation(EXIT_ON_CLOSE);
    }

```

```
    private ImageIcon loadImage() {
```

```
        ImageIcon ii = new ImageIcon("D:\\Coe\\nodue.png");
        return ii;
    }

```

```
    private void createLayout(JComponent... arg) {
```

```

        Container pane = getContentPane();
        GroupLayout gl = new GroupLayout(pane);
        pane.setLayout(gl);

        gl.setAutoCreateContainerGaps(true);

        gl.setHorizontalGroup(gl.createSequentialGroup()
            .addComponent(arg[0])
        );

        gl.setVerticalGroup(gl.createParallelGroup()
            .addComponent(arg[0])
        );

        pack();
    }

    public static void main(String[] args) {

        EventQueue.invokeLater(() -> {
            NoDue ex = new NoDue();
            ex.setVisible(true);
        });
    }
}

```

```

package coe;

import java.awt.Container;
import java.awt.EventQueue;
import javax.swing.GroupLayout;
import javax.swing.ImageIcon;
import javax.swing.JComponent;
import javax.swing.JFrame;
import javax.swing.JLabel;

public class Transport extends JFrame {

    public Transport() {

        initUI();
    }

    private void initUI() {

```

```

        ImageIcon ii = loadImage();

        JLabel label = new JLabel(ii);

        createLayout(label);

        setTitle("TRANSPORT FORM");
        setLocationRelativeTo(null);
        setDefaultCloseOperation(EXIT_ON_CLOSE);
    }

    private ImageIcon loadImage() {

        ImageIcon ii = new ImageIcon("D:\\Coe\\transport.png");
        return ii;
    }

    private void createLayout(JComponent... arg) {

        Container pane = getContentPane();
        GroupLayout gl = new GroupLayout(pane);
        pane.setLayout(gl);

        gl.setAutoCreateContainerGaps(true);

        gl.setHorizontalGroup(gl.createSequentialGroup()
            .addComponent(arg[0])
        );

        gl.setVerticalGroup(gl.createParallelGroup()
            .addComponent(arg[0])
        );

        pack();
    }

    public static void main(String[] args) {

        EventQueue.invokeLater(() -> {
            Transport ex = new Transport();
            ex.setVisible(true);
        });
    }
}

```

```
package coe;
```

```

import java.awt.Container;
import java.awt.EventQueue;
import javax.swing.GroupLayout;
import javax.swing.ImageIcon;
import javax.swing.JComponent;
import javax.swing.JFrame;
import javax.swing.JLabel;

public class Reevaluation extends JFrame {

    public Reevaluation() {

        initUI();
    }

    private void initUI() {

        ImageIcon ii = loadImage();

        JLabel label = new JLabel(ii);

        createLayout(label);

        setTitle("RE-EVALUATION FORM");
        setLocationRelativeTo(null);
        setDefaultCloseOperation(EXIT_ON_CLOSE);
    }

    private ImageIcon loadImage() {

        ImageIcon ii = new ImageIcon("D:\\Coe\\reval.png");
        return ii;
    }

    private void createLayout(JComponent... arg) {

        Container pane = getContentPane();
        GroupLayout gl = new GroupLayout(pane);
        pane.setLayout(gl);

        gl.setAutoCreateContainerGaps(true);

        gl.setHorizontalGroup(gl.createSequentialGroup()
            .addComponent(arg[0])
        );

        gl.setVerticalGroup(gl.createParallelGroup()
            .addComponent(arg[0])
        );

        pack();
    }
}

```

```

        public static void main(String[] args) {

            EventQueue.invokeLater(() -> {
                Reevaluation ex = new Reevaluation();
                ex.setVisible(true);
            });
        }
    }
}

```

## //ViewStudent

```

package coe;

import java.awt.BorderLayout;
import java.io.BufferedReader;
import java.io.File;
import java.io.FileInputStream;
import java.io.InputStreamReader;
import javax.swing.JButton;
import javax.swing.JFileChooser;
import javax.swing.JFrame;
import javax.swing.JTextArea;

public class ViewStudent {
    public static void main(String... args) {
        JFileChooser fc = new JFileChooser();
        JFrame frame = new JFrame();
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

        JTextArea tarea = new JTextArea(10, 10);
        File file = new File("D:\\Coe\\student.txt");
        try {
            BufferedReader input = new BufferedReader(new
InputStreamReader(
                new FileInputStream(file)));
            tarea.read(input, "READING FILE :-");
        } catch (Exception e) {
            e.printStackTrace();
        }

        frame.getContentPane().add(tarea, BorderLayout.CENTER);
        frame.pack();
        frame.setVisible(true);
    }
}

```

## //ViewStaff

```
package coe;
import java.awt.BorderLayout;
import java.io.BufferedReader;
import java.io.File;
import java.io.FileInputStream;
import java.io.InputStreamReader;
import javax.swing.JButton;
import javax.swing.JFileChooser;
import javax.swing.JFrame;
import javax.swing.JTextArea;

public class ViewStaff {
    public static void main(String... args) {
        JFileChooser fc = new JFileChooser();
        JFrame frame = new JFrame();
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

        JTextArea tarea = new JTextArea(10, 10);
        File file = new File("D:\\Coe\\staff.txt");
        try {
            BufferedReader input = new BufferedReader(new
InputStreamReader(
                new FileInputStream(file)));
            tarea.read(input, "READING FILE :-");
        } catch (Exception e) {
            e.printStackTrace();
        }

        frame.getContentPane().add(tarea, BorderLayout.CENTER);
        frame.pack();
        frame.setVisible(true);
    }
}
```

## //HallTicket

```
package coe;

import java.io.BufferedReader;
import java.io.BufferedWriter;
import java.io.File;
import java.io.FileInputStream;
import java.io.FileWriter;
import java.io.IOException;
import java.io.InputStreamReader;
import java.io.PrintWriter;
import java.util.*;
import java.awt.BorderLayout;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;

import javax.swing.*;

public class HallTicket extends JFrame implements
ActionListener
{

    JLabel l1=new JLabel("NAME");
    JLabel l2=new JLabel("ID");
    JLabel l3=new JLabel("YEAR");

    String languages[]={"1st year","2nd year","3rd year","4th
year","Arrear"};
    final JComboBox cb=new JComboBox(languages);

    JTextField t1=new JTextField();
    JTextField t2=new JTextField();

    JButton submit=new JButton("Get Hall Ticket");
    //JPasswordField p=new JPasswordField();

    public HallTicket()
    {
        setTitle("ADD STUDENT MARKS");
        this.setLayout(null);
        this.setVisible(true);
        this.setSize(800,800);
        l1.setBounds(100,50,50,20);
        l2.setBounds(100,100,50,20);
        l3.setBounds(100,150,50,20);

        add(l1);
        add(l2);
        add(l3);
```

```

t1.setBounds(250,50,150,40);
add(t1);
t2.setBounds(250,100,150,40);
add(t2);

cb.setBounds(250,150,150,40);
add(cb);

submit.setBounds(150,250,100,50);
add(submit);
submit.addActionListener(this);
}
public static void main(String[] args)
{
    new HallTicket();
}
public void actionPerformed(ActionEvent ar)
{
    if(ar.getSource()==submit)
    {
        this.hide();
        String name=t1.getText();
        String id= t2.getText();
        String data = "          SRI KRISHNA COLLEGE OF TECHNOLOGY\r\n"
+
        "\r\n" +
        "          NAME :"+ name+
        "\r\n" +
        "          Reg No :"+ id+
        "\r\n" +
        "          YEAR :"+
cb.getItemAt(cb.getSelectedIndex())+"\n\n    EXAMINATION TIME TABLE\r\n"
+
        "\r\n" +
        "DATE          IT    CSE    ECE    EEE\r\n" +
        "20.11.2018    SUB 1 Sub 2 Sub 3 Sub 4\r\n" +
        "23.11.2018    SUB 1 Sub 2 Sub 3 Sub 4\r\n" +
        "26.11.2018    SUB 1 Sub 2 Sub 3 Sub 4\r\n" +
        "28.11.2018    SUB 1 Sub 2 Sub 3 Sub 4\r\n" +
        "30.11.2018    SUB 1 Sub 2 Sub 3 Sub 4\r\n" +
        "";

        try{
            FileWriter fw = new
FileWriter("D:\\Coe\\HallTicket.txt");
            fw.write(data);
            fw.close();
            fw.close();

```



```

        ViewHall();
    } catch (IOException f) {
        //exception handling left as an exercise for the reader
    }
}

public void ViewHall() {
    JFileChooser fc = new JFileChooser();
    JFrame frame = new JFrame();
    frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

    JTextArea tarea = new JTextArea(10, 10);
    File file = new File("D:\\Coe\\HallTicket.txt");
    try {
        BufferedReader input = new BufferedReader(new
InputStreamReader(
        new FileInputStream(file)));
        tarea.read(input, "READING FILE :-");
    } catch (Exception e) {
        e.printStackTrace();
    }

    frame.getContentPane().add(tarea, BorderLayout.CENTER);
    frame.pack();
    frame.setVisible(true);
}

}

```

**//Screenshots:**

## SRI KRISHNA COLLEGE OF TECHNOLOGY

### FIRST YEAR TIME TABLE

DATE	IT	CSE	ECE	EEE
03.01.2019	MATHEMATICS	MATHEMATICS	MATHEMATICS	MATHEMATICS
05.01.2019	CHEMISTRY	CHEMISTRY	CHEMISTRY	CHEMISTRY
07.01.2019	COMPUTER BASICS	COMPUTER BASICS	ECE BASICS	EEE BASICS
11.01.2019	PHYSICS	PHYSICS	PHYSICS	PHYSICS
13.01.2019	TECHNICAL ESSAY	TECHNICAL ESSAY	TECHNICAL ESSAY	TECHNICAL ESSAY

**SRI KRISHNA COLLEGE OF TECHNOLOGY**

**THIRD YEAR TIME TABLE**

DATE	IT	CSE	ECE	EEE
03.01.2019	MATHEMATICS	MATHEMATICS	SEMICONDUCTORS	MODERN CONTROL SYSTEMS
05.01.2019	MACHINE LEARNING	ARTIFICIAL INTELLIGENCE	ASSEMBLY PROGRAMMING	CONSUMER ELECTRONICS
07.01.2019	ADVANCED JAVA	ADVANCED JAVA	LOGICAL DESIGN	SIGNAL AND SYSTEM II
11.01.2019	DAA	DAA	DIGITAL ELECTRONICS	SAFETY ENGINEERING
13.01.2019	TECHNICAL ESSAY	TECHNICAL ESSAY	ANTENNAS AND RADIATION	TECHNICAL ESSAY

# SRI KRISHNA COLLEGE OF TECHNOLOGY

## SECOND YEAR TIME TABLE

DATE	IT	CSE	ECE	EEE
03.01.2019	MATHEMATICS	MATHEMATICS	MATHEMATICS	MATHEMATICS
05.01.2019	PSTC	PSTC	PSTC	PSTC
07.01.2019	ADVANCED C	ADVANCED C	MICROPROCESSORS	SIGNAL AND SYSTEM
11.01.2019	DSA	DSA	MICROCONTROLLERS	CONTROL SYSTEM
13.01.2019	TECHNICAL ESSAY	TECHNICAL ESSAY	TECHNICAL ESSAY	TECHNICAL ESSAY

# SRI KRISHNA COLLEGE OF TECHNOLOGY

## FOURTH YEAR TIME TABLE

DATE	IT	CSE	ECE	EEE
03.01.2019	CLOUD COMPUTATION	CLOUD AND VIRTUALISATION	SEMICONDUCTORS	DIGITAL SIGNAL PROCESSING
05.01.2019	ADVANCED MACHINE LEARNING	ADVANCED ARTIFICIAL INTELLIGENCE	ASSEMBLY PROGRAMMING	POWER SYSTEM PROTECTION
07.01.2019	PYTHON	PYTHON	ELECTIVE 1	ELECTIVE 1
11.01.2019	COMPUTER ARCHITECTURE	COMPUTER ARCHITECTURE	ELECTIVE 2	ELECTIVE 2
13.01.2019	ELECTIVE	ELECTIVE	ANTENNAS AND RADIATION	TECHNICAL ESSAY