**Code:**

**package** com.java.employeesystem;

**import** java.sql.Date;

**public** **class** Compliance {

**private** **int** compliance\_id,department\_id;

**private** String rlType ,details;

**private** Date createDate;

**public** Compliance() {}

**public** Compliance(**int** compliance\_id,**int** department\_id, String rlType,String details, Date createDate)

{

**super**();

**this**.compliance\_id=compliance\_id;

**this**.department\_id = department\_id;

**this**. rlType = rlType;

**this**.details = details;

**this**.createDate = createDate;

}

**public** **int** getCompliance\_id()

{

**return** compliance\_id;

}

**public** **void** setCompliance\_id(**int** compliance\_id)

{

**this**.compliance\_id=compliance\_id;

}

**public** **int** getDepartment\_id() {

**return** department\_id;

}

**public** **void** setDepartment\_id(**int** department\_id) {

**this**.department\_id = department\_id;

}

**public** String getRlType() {

**return** rlType;

}

**public** **void** setDetails(String details) {

**this**.details = details;

}

**public** String getDetails() {

**return** details;

}

**public** **void** setRlType(String rlType) {

**this**.rlType = rlType;

}

**public** Date getCreateDate() {

**return** createDate;

}

**public** **void** setCreateDate(Date createDate) {

**this**.createDate = createDate;

}

}

**package** com.java.employeesystem;

**public** **class** Department {

**private** **int** department\_id ;

**private** String department\_nm ;

**public** Department() {}

**public** Department(**int** department\_id, String department\_nm ) {

**super**();

**this**.department\_id = department\_id;

**this**.department\_nm = department\_nm;

}

**public** **int** getDepartment\_id() {

**return** department\_id;

}

**public** **void** setDepartment\_id(**int** department\_id ) {

**this**.department\_id = department\_id;

}

**public** String getDepartment\_nm() {

**return** department\_nm;

}

**public** **void** setDepartment\_nm(String department\_nm) {

**this**.department\_nm=department\_nm;

}

}

**package** com.java.employeesystem;

**import** java.sql.Date;

**public** **class** Employees {

**private** **int** empid,department\_id;

**private** String firstname,lastname ,email;

**private** Date dob;

**public** Employees() {}

**public** Employees(**int** empid , String firstname,String lastname, String email,Date dob,**int** department\_id)

{

**super**();

**this**.empid = empid;

**this**.firstname = firstname;

**this**.lastname = lastname;

**this**.email = email;

**this**.dob = dob;

**this**.department\_id=department\_id;

}

**public** **int** getEmpid() {

**return** empid;

}

**public** **void** setEmpid(**int** empid) {

**this**.empid = empid;

}

**public** String getFirstname() {

**return** firstname;

}

**public** **void** setFirstname(String firstname ) {

**this**.firstname = firstname;

}

**public** String getLasttname() {

**return** lastname;

}

**public** **void** setLasttname(String lastname ) {

**this**.lastname = lastname;

}

**public** String getEmail() {

**return** email;

}

**public** **void** setEmail(String email ) {

**this**.email = email;

}

**public** Date getDob() {

**return** dob;

}

**public** **void** setDob(Date dob ) {

**this**.dob = dob;

}

**public** **int** getDepartment\_id() {

**return** department\_id;

}

**public** **void** setDepartment\_id(**int** department\_id) {

**this**.department\_id=department\_id;

}

}

**package** com.java.employeesystem;

**public** **class** Login\_master {

**private** **int** userid ;

**private** String password ;

**private** String role;

**public** Login\_master() {}

**public** Login\_master(**int** userid, String password,String role ) {

**super**();

**this**.userid =userid ;

**this**.password = password;

**this**.role = role;

}

**public** **int** getUserid() {

**return** userid;

}

**public** **void** setDepartment\_id(**int** userid ) {

**this**.userid = userid;

}

**public** String getPassword() {

**return** password;

}

**public** **void** setPassword(String password) {

**this**.password=password;

}

**public** String getRole() {

**return** role;

}

**public** **void** setRole(String role) {

**this**.role=role;

}

}

**package** com.java.employeesystem;

**import** java.sql.Date;

**public** **class** Statusreport {

**private** **int** complianceid,statusrptid,empid,department\_id ;

**private** String comments;

**private** Date createDate;

**public** Statusreport() {}

**public** Statusreport(**int** complianceid , **int** statusrptid,**int** empid,**int** department\_id,String comments,Date createDate) {

**super**();

**this**.complianceid = complianceid;

**this**.statusrptid = statusrptid;

**this**.empid = empid;

**this**.department\_id = department\_id;

**this**.comments =comments ;

**this**.createDate = createDate;

}

**public** **int** getComplianceid() {

**return** complianceid;

}

**public** **void** setComplianceid(**int** complianceid ) {

**this**.complianceid = complianceid;

}

**public** **int** getStatusrptid() {

**return** statusrptid;

}

**public** **void** setStatusrptid(**int** statusrptid ) {

**this**.statusrptid = statusrptid;

}

**public** **int** getEmpid() {

**return** empid;

}

**public** **void** setEmpid(**int** empid ) {

**this**.empid = empid;

}

**public** **int** getDepartment\_id() {

**return** department\_id;

}

**public** **void** setDepartment\_id(**int** department\_id ) {

**this**.department\_id = department\_id;

}

**public** String getComments() {

**return** comments;

}

**public** **void** setComments(String comments) {

**this**.comments=comments;

}

**public** Date getCreateDate() {

**return** createDate;

}

**public** **void** setCreateDate(Date createDate) {

**this**.createDate=createDate;

}

}

**ComplianceDao.java class**

**package** com.java.employeesystem;

**import** java.sql.Connection;

**import** java.sql.Date;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** java.util.ArrayList;

**import** java.util.List;

**public** **class** ComplianceDao {

**public** **static** Connection getCon(){

Connection con=**null**;

**try**{

Class.*forName*("com.mysql.jdbc.Driver");

con=DriverManager.*getConnection*("jdbc:mysql://localhost:3306/employee-db","root","Nkululeko\_93");// remember here we’ve used our credentials to login to //mysql

}**catch**(Exception e){System.***out***.println(e);}

**return** con;

}

**public** **static** **int** save( **int** department\_id,String rltype,String details,Date createdate){

**int** status=0;

**try**{

Connection con=*getCon*();

PreparedStatement ps=con.prepareStatement("insert into compliance(department\_id,rlType,details,createDate) values(?,?,?,?)");

ps.setInt(1,department\_id);

ps.setString(2,rltype);

ps.setString(3,details);

ps.setDate(4,createdate);

status=ps.executeUpdate();

con.close();

}**catch**(Exception e){System.***out***.println(e);}

**return** status;

}

**public** **static** **int** update(Compliance c){

**int** status=0;

**try**{

Connection con=ComplianceDao.*getCon*();

PreparedStatement ps=con.prepareStatement("update compliance set rlType=?,details=?,createDate=?,department\_id=? where complianceid=?");

ps.setString(1,c.getRlType());

ps.setString(2, c.getDetails());

ps.setDate(3,**new** java.sql.Date(c.getCreateDate().getTime()));

ps.setInt(4, c.getDepartment\_id());

ps.setInt(5,c.getCompliance\_id());

status=ps.executeUpdate();

status=ps.executeUpdate();

con.close();

}**catch**(Exception e){System.***out***.println(e);}

**return** status;

}

**public** **static** List<Compliance> view(){

List<Compliance> list=**new** ArrayList<Compliance>();

**try**{

Connection con=ComplianceDao.*getCon*();

PreparedStatement ps=con.prepareStatement("select \* from compliance");

ResultSet rs=ps.executeQuery();

**while**(rs.next()){

Compliance c=**new** Compliance();

c.setCompliance\_id(rs.getInt("complianceid"));

c.setRlType(rs.getString("rlType"));

c.setDetails(rs.getString("details"));

c.setCreateDate(rs.getDate("createDate"));

c.setDepartment\_id(rs.getInt("department\_id"));

list.add(c);

}

con.close();

}**catch**(Exception e){System.***out***.println(e);}

**return** list;

}

**public** **static** Compliance getComplianceByid(**int** complianceid){

Compliance c=**new** Compliance();

**try**{

Connection con=ComplianceDao.*getCon*();

PreparedStatement ps=con.prepareStatement("select \* from compliance where complianceid=?");

ps.setInt(1,complianceid);

ResultSet rs=ps.executeQuery();

**if**(rs.next()){

c.setCompliance\_id(rs.getInt("complianceid"));

c.setRlType(rs.getString("rlType"));

c.setDetails(rs.getString("details"));

c.setCreateDate(rs.getDate("createDate"));

c.setDepartment\_id(rs.getInt("department\_id"));

}

con.close();

}**catch**(Exception e){System.***out***.println(e);}

**return** c;

}

}

**DepartmentDao class**

**package** com.java.employeesystem;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** java.util.ArrayList;

**import** java.util.List;

**public** **class** DepartmentDao {

**public** **static** Connection getCon(){

Connection con=**null**;

**try**{

Class.*forName*("com.mysql.jdbc.Driver");

con=DriverManager.*getConnection*("jdbc:mysql://localhost:3306/employee-db","root","Nkululeko\_93");

}**catch**(Exception e){System.***out***.println(e);}

**return** con;

}

**public** **static** **int** save(String departmentname)

{

**int** status=0;

**try**{

Connection con=DepartmentDao.*getCon*();

PreparedStatement ps=con.prepareStatement("insert into department(department\_nm) values(?)");

ps.setString(1,departmentname);

status=ps.executeUpdate();

con.close();

}**catch**(Exception e){System.***out***.println(e);}

**return** status;

}

**public** **static** **int** update(Department d){

**int** status=0;

**try**{

Connection con=DepartmentDao.*getCon*();

PreparedStatement ps=con.prepareStatement("update department set department\_nm=? where department\_id=?");

ps.setString(1,d.getDepartment\_nm());

ps.setInt(2,d.getDepartment\_id());

status=ps.executeUpdate();

status=ps.executeUpdate();

con.close();

}**catch**(Exception e){System.***out***.println(e);}

**return** status;

}

**public** **static** List<Department> view(){

List<Department> list=**new** ArrayList<Department>();

**try**{

Connection con=DepartmentDao.*getCon*();

PreparedStatement ps=con.prepareStatement("select \* from department");

ResultSet rs=ps.executeQuery();

**while**(rs.next()){

Department d=**new** Department();

d.setDepartment\_id(rs.getInt("department\_id"));

d.setDepartment\_nm(rs.getString("department\_nm"));

list.add(d);

}

con.close();

}**catch**(Exception e){System.***out***.println(e);}

**return** list;

}

**public** **static** Department getDepartmentByid(**int** department\_id){

Department d=**new** Department();

**try**{

Connection con=DepartmentDao.*getCon*();

PreparedStatement ps=con.prepareStatement("select \* from department where department\_id=?");

ps.setInt(1,department\_id);

ResultSet rs=ps.executeQuery();

**if**(rs.next()){

d.setDepartment\_id(rs.getInt("department\_id"));

d.setDepartment\_nm(rs.getString("department\_nm"));

}

con.close();

}**catch**(Exception e){System.***out***.println(e);}

**return** d;

}

**EmployeeDao class**

**package** com.java.employeesystem;

**import** java.sql.Connection;

**import** java.sql.Date;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** java.util.ArrayList;

**import** java.util.List;

**public** **class** EmployeeDao {

**public** **static** Connection getCon(){

Connection con=**null**;

**try**{

Class.*forName*("com.mysql.jdbc.Driver");

con=DriverManager.*getConnection*("jdbc:mysql://localhost:3306/employee-db","root","Nkululeko\_93");

}**catch**(Exception e){System.***out***.println(e);}

**return** con;

}

**public** **static** **int** save(**int** departmentid,String firstname,String lastname,String email,Date dob){

**int** status=0;

**try**{

Connection con=EmployeeDao.*getCon*();

PreparedStatement ps=con.prepareStatement("insert into employees(department\_id,firstname,lastname,email,dob) values(?,?,?,?,?)");

ps.setInt(1,departmentid);

ps.setString(2,firstname);

ps.setString(3, lastname);

ps.setString(4,email);

ps.setDate(5,dob);

status=ps.executeUpdate();

con.close();

}**catch**(Exception e){System.***out***.println(e);}

**return** status;

}

**public** **static** **int** delete(**int** empid){

**int** status=0;

**try**{

Connection con=EmployeeDao.*getCon*();

PreparedStatement ps=con.prepareStatement("delete from employees where empid=?");

ps.setInt(1,empid);

status=ps.executeUpdate();

con.close();

}**catch**(Exception e){System.***out***.println(e);}

**return** status;

}

**public** **static** **int** update(Employees em){

**int** status=0;

**try**{

Connection con=EmployeeDao.*getCon*();

PreparedStatement ps=con.prepareStatement("update employees set firstname=?,lastname=?,dob=?,email=?,department\_id=? where empid=?");

ps.setString(1,em.getFirstname());

ps.setString(2, em.getLasttname());

ps.setDate(3, **new** java.sql.Date(em.getDob().getTime()));

ps.setString(4, em.getEmail());

ps.setInt(5, em.getDepartment\_id());

ps.setInt(6,em.getEmpid());

status=ps.executeUpdate();

status=ps.executeUpdate();

con.close();

}**catch**(Exception e){System.***out***.println(e);}

**return** status;

}

**public** **static** List<Employees> view(){

List<Employees> list=**new** ArrayList<Employees>();

**try**{

Connection con=EmployeeDao.*getCon*();

PreparedStatement ps=con.prepareStatement("select \* from employees");

ResultSet rs=ps.executeQuery();

**while**(rs.next()){

Employees em=**new** Employees();

em.setEmpid(rs.getInt("empid"));

em.setFirstname(rs.getString("firstname"));

em.setLasttname(rs.getString("lastname"));

em.setDob(rs.getDate("dob"));

em.setEmail(rs.getString("email"));

em.setDepartment\_id(rs.getInt("department\_id"));

list.add(em);

}

con.close();

}**catch**(Exception e){System.***out***.println(e);}

**return** list;

}

**public** **static** Employees getEmployeeByid(**int** empid){

Employees em=**new** Employees();

**try**{

Connection con=EmployeeDao.*getCon*();

PreparedStatement ps=con.prepareStatement("select \* from employees where empid=?");

ps.setInt(1,empid);

ResultSet rs=ps.executeQuery();

**if**(rs.next()){

em.setEmpid(rs.getInt("empid"));

em.setFirstname(rs.getString("firstname"));

em.setLasttname(rs.getString("lastname"));

em.setDob(rs.getDate("dob"));

em.setEmail(rs.getString("email"));

em.setDepartment\_id(rs.getInt("department\_id"));

}

con.close();

}**catch**(Exception e){System.***out***.println(e);}

**return** em;

}

}

**StatusReportDao class**

**package** com.java.employeesystem;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** java.util.ArrayList;

**import** java.sql.Date;

**import** java.util.List;

**public** **class** StatusReportDao {

**public** **static** Connection getCon(){

Connection con=**null**;

**try**{

Class.*forName*("com.mysql.jdbc.Driver");

con=DriverManager.*getConnection*("jdbc:mysql://localhost:3306/employee-db","root","Nkululeko\_93");

}**catch**(Exception e){System.***out***.println(e);}

**return** con;

}

**public** **static** **int** save(**int** complianceid,**int** empid,String comments,Date createdate,**int** departmentid){

**int** status=0;

**try**{

Connection con=*getCon*();

PreparedStatement ps=con.prepareStatement("insert into statusreport(complianceid,empid,comments,createDate,department\_id) values(?,?,?,?,?)");

ps.setInt(1,complianceid);

ps.setInt(2, empid);

ps.setString(3,comments);

ps.setDate(4, createdate);

ps.setInt(5,departmentid);

status=ps.executeUpdate();

con.close();

}**catch**(Exception e){System.***out***.println(e);}

**return** status;

}

**public** **static** **int** update(Statusreport s){

**int** status=0;

**try**{

Connection con=StatusReportDao.*getCon*();

PreparedStatement ps=con.prepareStatement("update statusreport set complianceid=?,empid=?,comments=?,createDate=?,department\_id=? where statusrptid=?");

ps.setInt(1,s.getComplianceid());

ps.setInt(2, s.getEmpid());

ps.setString(3,s.getComments());

ps.setDate(4, **new** java.sql.Date(s.getCreateDate().getTime()));

ps.setInt(5,s.getDepartment\_id());

ps.setInt(6,s.getStatusrptid());

status=ps.executeUpdate();

status=ps.executeUpdate();

con.close();

}**catch**(Exception e){System.***out***.println(e);}

**return** status;

}

**public** **static** List<Statusreport> view(){

List<Statusreport> list=**new** ArrayList<Statusreport>();

**try**{

Connection con=StatusReportDao.*getCon*();

PreparedStatement ps=con.prepareStatement("select \* from statusreport");

ResultSet rs=ps.executeQuery();

**while**(rs.next()){

Statusreport s=**new** Statusreport();

s.setComplianceid(rs.getInt("complianceid"));

s.setStatusrptid(rs.getInt("statusrptid"));

s.setEmpid(rs.getInt("empid"));

s.setComments(rs.getString("comments"));

s.setCreateDate(rs.getDate("createDate"));

s.setDepartment\_id(rs.getInt("department\_id"));

list.add(s);

}

con.close();

}**catch**(Exception e){System.***out***.println(e);}

**return** list;

}

**public** **static** Statusreport getStatusreportByid(**int** statusrptid){

Statusreport s=**new** Statusreport();

**try**{

Connection con=StatusReportDao.*getCon*();

PreparedStatement ps=con.prepareStatement("select \* from statusreport where statusrptid=?");

ps.setInt(1,statusrptid);

ResultSet rs=ps.executeQuery();

**if**(rs.next()){

s.setComplianceid(rs.getInt("complianceid"));

s.setStatusrptid(rs.getInt("statusrptid"));

s.setEmpid(rs.getInt("empid"));

s.setComments(rs.getString("comments"));

s.setCreateDate(rs.getDate("createDate"));

s.setDepartment\_id(rs.getInt("department\_id"));

}

con.close();

}**catch**(Exception e){System.***out***.println(e);}

**return** s;

}

}

**AddNewDepartment.java class**

**package** com.java.employeesystem;

**import** java.awt.Color;

**import** java.awt.EventQueue;

**import** java.awt.Font;

**import** java.awt.event.ActionEvent;

**import** java.awt.event.ActionListener;

**import** javax.swing.GroupLayout;

**import** javax.swing.GroupLayout.Alignment;

**import** javax.swing.JButton;

**import** javax.swing.JFrame;

**import** javax.swing.JLabel;

**import** javax.swing.JOptionPane;

**import** javax.swing.JPanel;

**import** javax.swing.JTextField;

**import** javax.swing.border.EmptyBorder;

**public** **class** AddNewDepartment **extends** JFrame {

/\*\*

\*

\*/

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

**static** AddNewDepartment *frame*;

**private** JPanel contentPane;

**private** JTextField textField;

/\*\*

\* Launch the application.

\*/

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

EventQueue.*invokeLater*(**new** Runnable() {

**public** **void** run() {

**try** {

*frame* = **new** AddNewDepartment();

*frame*.setVisible(**true**);

} **catch** (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

**public** AddNewDepartment() {

setDefaultCloseOperation(JFrame.***EXIT\_ON\_CLOSE***);

setBounds(100, 100, 450, 300);

contentPane = **new** JPanel();

contentPane.setBorder(**new** EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblAddDepartment = **new** JLabel("Add Department");

lblAddDepartment.setForeground(Color.***DARK\_GRAY***);

lblAddDepartment.setFont(**new** Font("Tahoma", Font.***PLAIN***, 20));

JLabel lbldepartment\_nm = **new** JLabel("DepartmentName");

textField = **new** JTextField();

textField.setColumns(10);

JButton btnAddDepartment = **new** JButton("Add Department");

btnAddDepartment.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

String department\_nm=textField.getText();

**boolean** performSave=**true**;

**if**(textField.getText().isEmpty())

{

JOptionPane.*showMessageDialog*(**null**,"Please Enter Department Name");

performSave=**false**;

}

**if**(performSave)

{

**int** status=DepartmentDao.*save*(department\_nm);

**if**(status>0){

JOptionPane.*showMessageDialog*(AddNewDepartment.**this**,"Department added successfully!");

textField.setText("");

}**else**{

JOptionPane.*showMessageDialog*(AddNewDepartment.**this**,"Sorry, Unable to add Department!");

}

}

}

});

JButton btnBack = **new** JButton("Back");

btnBack.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

AdminSection.*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(144)

.addComponent(lblAddDepartment))

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(lbldepartment\_nm, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***))

.addGap(33)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***, **false**)

.addComponent(textField, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***))))

.addContainerGap(124, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(128)

.addComponent(btnAddDepartment, GroupLayout.***PREFERRED\_SIZE***, 145, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnBack)

.addContainerGap(44, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lbldepartment\_nm, GroupLayout.***PREFERRED\_SIZE***, 50, GroupLayout.***PREFERRED\_SIZE***)

.addContainerGap(364, Short.***MAX\_VALUE***))

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createSequentialGroup()

.addComponent(lblAddDepartment)

.addGap(18)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lbldepartment\_nm)

.addComponent(textField, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addGap(7)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(btnAddDepartment, GroupLayout.***PREFERRED\_SIZE***, 38, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnBack))

.addContainerGap())

);

contentPane.setLayout(gl\_contentPane);

}

}

**ViewDepartments.java class**

**package** com.java.employeesystem;

**import** java.awt.BorderLayout;

**import** java.awt.EventQueue;

**import** java.util.List;

**import** javax.swing.JFrame;

**import** javax.swing.JPanel;

**import** javax.swing.JScrollPane;

**import** javax.swing.JTable;

**import** javax.swing.border.EmptyBorder;

**public** **class** ViewDepartments **extends** JFrame {

**static** ViewDepartments *frame*;

**public** ViewDepartments() {

//Code to view data in JTable

List<Department> list=DepartmentDao.*view*();

**int** size=list.size();

String data[][]=**new** String[size][2];

**int** row=0;

**for**(Department d:list){

data[row][0]=String.*valueOf*(d.getDepartment\_id());

data[row][1]=d.getDepartment\_nm();

row++;

}

String columnNames[]={"DepartmentID","DepartmentName"};

JTable jt=**new** JTable(data,columnNames);

JScrollPane sp=**new** JScrollPane(jt);

add(sp);

setDefaultCloseOperation(JFrame.***DISPOSE\_ON\_CLOSE***);

setBounds(100, 100, 800, 400);

}

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

EventQueue.*invokeLater*(**new** Runnable() {

**public** **void** run() {

**try** {

*frame* = **new** ViewDepartments();

*frame*.setVisible(**true**);

} **catch** (Exception e) {

e.printStackTrace();

}

}

});

}

}

**EditDepartment.java class**

**package** com.java.employeesystem;

**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.LayoutStyle.ComponentPlacement;

**import** javax.swing.JButton;

**import** javax.swing.JTextField;

**import** javax.swing.JTextPane;

**import** java.awt.event.ActionListener;

**import** java.text.ParseException;

**import** java.text.SimpleDateFormat;

**import** java.util.Date;

**import** java.awt.event.ActionEvent;

**import** javax.swing.JTextArea;

**import** javax.swing.JSeparator;

**public** **class** EditDepartment **extends** JFrame {

**static** EditDepartment *frame*;

**private** JPanel contentPane;

**private** JTextField textField;

**private** JTextField textField\_1;

/\*\*

\* Launch the application.

\*/

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

EventQueue.*invokeLater*(**new** Runnable() {

**public** **void** run() {

**try** {

*frame* = **new** EditDepartment();

*frame*.setVisible(**true**);

} **catch** (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

**public** EditDepartment() {

setDefaultCloseOperation(JFrame.***EXIT\_ON\_CLOSE***);

setBounds(100, 100, 450, 550);

contentPane = **new** JPanel();

contentPane.setBorder(**new** EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lbldepartment\_nm = **new** JLabel("DepartmentName:");

JButton btnEditDepartment = **new** JButton("Update Department");

btnEditDepartment.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

String department\_nm=textField.getText();

**int** department\_id=Integer.*parseInt*(textField\_1.getText());

Department d=**new** Department(department\_id,department\_nm);

**int** status=DepartmentDao.*update*(d);

**if**(status>0){

JOptionPane.*showMessageDialog*(EditDepartment.**this**,"Department updated successfully!");

AdminSection.*main*(**new** String[]{});

*frame*.dispose();

}**else**{

JOptionPane.*showMessageDialog*(EditDepartment.**this**,"Sorry, Unable to edit Department!");

}

}

});

textField = **new** JTextField();

textField.setColumns(10);

JButton btnBack = **new** JButton("back");

btnBack.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

AdminSection.*main*(**new** String[]{});

*frame*.dispose();

}

});

JLabel lbldepartment\_id = **new** JLabel("DepartmentID:");

textField\_1 = **new** JTextField();

textField\_1.setColumns(10);

JSeparator separator = **new** JSeparator();

JButton btnLoadRecord = **new** JButton("Load Record");

btnLoadRecord.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent arg0) {

String sdepartment\_id=textField\_1.getText();

**if**(sdepartment\_id==**null**||sdepartment\_id.trim().equals("")){

JOptionPane.*showMessageDialog*(EditDepartment.**this**,"Please enter DepartmentID first!");

}**else**{

**int** departmentid=Integer.*parseInt*(sdepartment\_id);

Department d=DepartmentDao.*getDepartmentByid*(departmentid);

textField.setText(d.getDepartment\_nm());

}

}

});

GroupLayout gl\_contentPane = **new** GroupLayout(contentPane);

gl\_contentPane.setHorizontalGroup(

gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(lbldepartment\_nm)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***TRAILING***, **false**)

.addComponent(lbldepartment\_id, Alignment.***LEADING***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, Short.***MAX\_VALUE***)))

.addGap(33)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***, **false**)

.addComponent(textField, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addComponent(textField\_1, GroupLayout.***PREFERRED\_SIZE***, 193, GroupLayout.***PREFERRED\_SIZE***)

.addPreferredGap(ComponentPlacement.***RELATED***, 25, Short.***MAX\_VALUE***)

.addComponent(btnLoadRecord)))

.addGap(16)

.addContainerGap())

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lbldepartment\_nm, GroupLayout.***DEFAULT\_SIZE***, 64, Short.***MAX\_VALUE***)

.addContainerGap(383, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(128)

.addComponent(btnEditDepartment, GroupLayout.***PREFERRED\_SIZE***, 145, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnBack)

.addContainerGap(78, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lbldepartment\_id, GroupLayout.***PREFERRED\_SIZE***, 50, GroupLayout.***PREFERRED\_SIZE***)

.addContainerGap(364, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(27)

.addComponent(separator, GroupLayout.***PREFERRED\_SIZE***, 351, GroupLayout.***PREFERRED\_SIZE***)

.addContainerGap(46, Short.***MAX\_VALUE***))

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createSequentialGroup()

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lbldepartment\_id)

.addComponent(textField\_1, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnLoadRecord))

.addGap(16)

.addComponent(separator, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***)

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lbldepartment\_nm)

.addComponent(textField, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGap(7)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(btnEditDepartment, GroupLayout.***PREFERRED\_SIZE***, 38, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnBack))

.addContainerGap())

);

contentPane.setLayout(gl\_contentPane);

}

}

**package** com.java.employeesystem;

**import** java.awt.Color;

**import** java.awt.EventQueue;

**import** java.awt.Font;

**import** java.awt.event.ActionEvent;

**import** java.awt.event.ActionListener;

**import** javax.swing.GroupLayout;

**import** javax.swing.GroupLayout.Alignment;

**import** javax.swing.JButton;

**import** javax.swing.JFrame;

**import** javax.swing.JLabel;

**import** javax.swing.JOptionPane;

**import** javax.swing.JPanel;

**import** javax.swing.JTextArea;

**import** javax.swing.JTextField;

**import** javax.swing.border.EmptyBorder;

**import** java.sql.Date;

**import** java.text.DateFormat;

**import** java.text.ParseException;

**import** java.text.SimpleDateFormat;

**import** javax.swing.LayoutStyle.ComponentPlacement;

**public** **class** AddNewRegulation **extends** JFrame {

/\*\*

\*

\*/

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

**static** AddNewRegulation *frame*;

**private** JPanel contentPane;

**private** JTextField textField;

**private** JTextField textField\_1;

**private** JTextField textField\_3;

JTextArea textArea;

/\*\*

\* Launch the application.

\*/

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

EventQueue.*invokeLater*(**new** Runnable() {

**public** **void** run() {

**try** {

*frame* = **new** AddNewRegulation();

*frame*.setVisible(**true**);

} **catch** (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

**public** AddNewRegulation() {

setDefaultCloseOperation(JFrame.***EXIT\_ON\_CLOSE***);

setBounds(100, 100, 450, 300);

contentPane = **new** JPanel();

contentPane.setBorder(**new** EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblAddRegulation = **new** JLabel("Add Regulation");

lblAddRegulation.setForeground(Color.***DARK\_GRAY***);

lblAddRegulation.setFont(**new** Font("Tahoma", Font.***PLAIN***, 20));

JLabel lbldepartment\_id = **new** JLabel("Department ID:");

JLabel lblrlType = **new** JLabel("Regulation Type");

JLabel lbldetails = **new** JLabel("Details:");

JLabel lblcreateDate = **new** JLabel("Create Date:");

textField = **new** JTextField();

textField.setColumns(10);

textField\_1 = **new** JTextField();

textField\_1.setColumns(10);

textField\_3 = **new** JTextField();

textField\_3.setColumns(10);

textArea = **new** JTextArea();

textArea.setRows(3);

textArea.setColumns(20);

JButton btnAddRegulation = **new** JButton("Add Regulation");

btnAddRegulation.addActionListener(**new** ActionListener()

{

**public** **void** actionPerformed(ActionEvent e)

{

String rlType=textField\_1.getText();

String details=textArea.getText();

**boolean** performSave=**true**;

String screatedate=textField\_3.getText();

DateFormat sdf=**new** SimpleDateFormat("dd/MM/yyyy");

Date createdate =**null**;

**if**(!screatedate.equals(""))

{

screatedate=textField\_3.getText();

createdate=Date.*valueOf*(screatedate);

**try** {

createdate=(Date) sdf.parse(screatedate);

} **catch** (ParseException e1) {

// **TODO** Auto-generated catch block

e1.printStackTrace();

}

performSave=**true**;

}

**else**

{

JOptionPane.*showMessageDialog*(**null**,"Please Enter Date");

performSave=**false**;

}

String s\_departmentid=textField.getText();

**int** department\_id=0;

**if**( ! s\_departmentid.equals(""))

{

s\_departmentid=textField.getText();

department\_id=Integer.*valueOf*(s\_departmentid);

performSave=**true**;

}

**else**

{

JOptionPane.*showMessageDialog*(**null**,"Please Enter Department ID");

performSave=**false**;

}

**if**(textField\_1.getText().isEmpty())

{

JOptionPane.*showMessageDialog*(**null**,"Please Enter RLType");

performSave=**false**;

}

**if**(textArea.getText().isEmpty())

{

JOptionPane.*showMessageDialog*(**null**,"Please Enter Details");

performSave=**false**;

}

**if**(performSave)

{

**int** status=ComplianceDao.*save*(department\_id,rlType,details,createdate);

**if**(status>0){

JOptionPane.*showMessageDialog*(AddNewRegulation.**this**,"Regulation added successfully!");

textField.setText("");textField\_1.setText("");

textField\_3.setText("");textArea.setText("");

}**else**{

JOptionPane.*showMessageDialog*(AddNewRegulation.**this**,"Sorry, Unable to add Regulation!");

}

}

}

});

JButton btnBack = **new** JButton("Back");

btnBack.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

AdminSection.*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(144)

.addComponent(lblAddRegulation))

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(lbldepartment\_id, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lblrlType, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lbldetails, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lblcreateDate, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***))

.addGap(33)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***, **false**)

.addComponent(textField, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textField\_1, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textArea, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textField\_3, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***))))

.addContainerGap(124, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(128)

.addComponent(btnAddRegulation, GroupLayout.***PREFERRED\_SIZE***, 145, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnBack)

.addContainerGap(44, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lblcreateDate, GroupLayout.***PREFERRED\_SIZE***, 50, GroupLayout.***PREFERRED\_SIZE***)

.addContainerGap(364, Short.***MAX\_VALUE***))

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createSequentialGroup()

.addComponent(lblAddRegulation)

.addGap(18)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lbldepartment\_id)

.addComponent(textField, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblrlType)

.addComponent(textField\_1, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lbldetails)

.addComponent(textArea, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblcreateDate)

.addComponent(textField\_3, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addGap(7)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(btnAddRegulation, GroupLayout.***PREFERRED\_SIZE***, 38, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnBack))

.addContainerGap())

);

contentPane.setLayout(gl\_contentPane);

}

}

**package** com.java.employeesystem;

**import** java.awt.BorderLayout;

**import** java.awt.EventQueue;

**import** java.util.List;

**import** javax.swing.JFrame;

**import** javax.swing.JPanel;

**import** javax.swing.JScrollPane;

**import** javax.swing.JTable;

**import** javax.swing.border.EmptyBorder;

**public** **class** ViewRegulations **extends** JFrame {

**static** ViewRegulations *frame*;

**public** ViewRegulations() {

//Code to view data in JTable

List<Compliance> list=ComplianceDao.*view*();

**int** size=list.size();

String data[][]=**new** String[size][5];

**int** row=0;

**for**(Compliance c:list){

data[row][0]=String.*valueOf*(c.getCompliance\_id());

data[row][1]=c.getRlType();

data[row][2]=c.getDetails();

data[row][3]=String.*valueOf*(c.getCreateDate());

data[row][4]=String.*valueOf*(c.getDepartment\_id());

row++;

}

String columnNames[]={"ComplianceID","RLType","Details","CreateDate","DepartmentID"};

JTable jt=**new** JTable(data,columnNames);

JScrollPane sp=**new** JScrollPane(jt);

add(sp);

setDefaultCloseOperation(JFrame.***DISPOSE\_ON\_CLOSE***);

setBounds(100, 100, 800, 400);

}

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

EventQueue.*invokeLater*(**new** Runnable() {

**public** **void** run() {

**try** {

*frame* = **new** ViewRegulations();

*frame*.setVisible(**true**);

} **catch** (Exception e) {

e.printStackTrace();

}

}

});

}

}

**package** com.java.employeesystem;

**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.LayoutStyle.ComponentPlacement;

**import** javax.swing.JButton;

**import** javax.swing.JTextField;

**import** javax.swing.JTextPane;

**import** java.awt.event.ActionListener;

**import** java.text.ParseException;

**import** java.text.SimpleDateFormat;

**import** java.sql.Date;

**import** java.awt.event.ActionEvent;

**import** javax.swing.JTextArea;

**import** javax.swing.JSeparator;

**public** **class** EditRegulation **extends** JFrame {

**static** EditRegulation *frame*;

**private** JPanel contentPane;

**private** JTextField textField;

JTextArea textArea;

**private** JTextField textField\_2;

**private** JTextField textField\_3;

**private** JTextField textField\_4;

/\*\*

\* Launch the application.

\*/

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

EventQueue.*invokeLater*(**new** Runnable() {

**public** **void** run() {

**try** {

*frame* = **new** EditRegulation();

*frame*.setVisible(**true**);

} **catch** (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

**public** EditRegulation() {

setDefaultCloseOperation(JFrame.***EXIT\_ON\_CLOSE***);

setBounds(100, 100, 450, 550);

contentPane = **new** JPanel();

contentPane.setBorder(**new** EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblrlType = **new** JLabel("RLType:");

JLabel lbldetails = **new** JLabel("Details:");

JLabel lblcreateDate = **new** JLabel("Paid:");

JLabel lbldepartment\_id = **new** JLabel("DepartmentID:");

JButton btnEditRegulation = **new** JButton("Update Regulation");

btnEditRegulation.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

String rlType=textField.getText();

String details=textArea.getText();

String screateDate=textField\_2.getText();

String format="dd/MM/yyyy";

SimpleDateFormat sdf= **new** SimpleDateFormat(format);

Date createdate = Date.*valueOf*(screateDate);

**try** {

createdate = (Date) sdf.parse(screateDate);

} **catch** (ParseException e1) {

// **TODO** Auto-generated catch block

e1.printStackTrace();

}

**int** department\_id=Integer.*parseInt*(textField\_3.getText());

**int** complianceid=Integer.*parseInt*(textField\_4.getText());

Compliance c=**new** Compliance(complianceid,department\_id,rlType,details,createdate);

**int** status=ComplianceDao.*update*(c);

**if**(status>0){

JOptionPane.*showMessageDialog*(EditRegulation.**this**,"Regulation updated successfully!");

AdminSection.*main*(**new** String[]{});

*frame*.dispose();

}**else**{

JOptionPane.*showMessageDialog*(EditRegulation.**this**,"Sorry, Unable to edit Regulation!");

}

}

});

textField = **new** JTextField();

textField.setColumns(10);

textArea = **new** JTextArea();

textField\_2 = **new** JTextField();

textField\_2.setColumns(10);

textField\_3 = **new** JTextField();

textField\_3.setColumns(10);

JButton btnBack = **new** JButton("back");

btnBack.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

AdminSection.*main*(**new** String[]{});

*frame*.dispose();

}

});

JLabel lblcomplianceid = **new** JLabel("ComplianceID:");

textField\_4 = **new** JTextField();

textField\_4.setColumns(10);

JSeparator separator = **new** JSeparator();

JButton btnLoadRecord = **new** JButton("Load Record");

btnLoadRecord.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent arg0) {

String scomplianceid=textField\_4.getText();

**if**(scomplianceid==**null**||scomplianceid.trim().equals("")){

JOptionPane.*showMessageDialog*(EditRegulation.**this**,"Please enter ComplianceID first!");

}**else**{

**int** complianceid=Integer.*parseInt*(scomplianceid);

Compliance c=ComplianceDao.*getComplianceByid*(complianceid);

textField.setText(c.getRlType());

textArea.setText(c.getDetails());

textField\_2.setText(String.*valueOf*(c.getCreateDate()));

textField\_3.setText(String.*valueOf*(c.getDepartment\_id()));

}

}

});

GroupLayout gl\_contentPane = **new** GroupLayout(contentPane);

gl\_contentPane.setHorizontalGroup(

gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(lblrlType)

.addComponent(lbldetails , GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lblcreateDate, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lbldepartment\_id, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***TRAILING***, **false**)

.addComponent(lblcomplianceid, Alignment.***LEADING***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, Short.***MAX\_VALUE***)))

.addGap(33)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***, **false**)

.addComponent(textField\_3, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textField\_2, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textArea, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textField, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addComponent(textField\_4, GroupLayout.***PREFERRED\_SIZE***, 193, GroupLayout.***PREFERRED\_SIZE***)

.addPreferredGap(ComponentPlacement.***RELATED***, 25, Short.***MAX\_VALUE***)

.addComponent(btnLoadRecord)))

.addGap(16)

.addContainerGap())

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lbldepartment\_id)

.addContainerGap(356, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lblcreateDate, GroupLayout.***DEFAULT\_SIZE***, 64, Short.***MAX\_VALUE***)

.addContainerGap(383, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(128)

.addComponent(btnEditRegulation, GroupLayout.***PREFERRED\_SIZE***, 145, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnBack)

.addContainerGap(78, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lbldetails, GroupLayout.***PREFERRED\_SIZE***, 50, GroupLayout.***PREFERRED\_SIZE***)

.addContainerGap(364, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(27)

.addComponent(separator, GroupLayout.***PREFERRED\_SIZE***, 351, GroupLayout.***PREFERRED\_SIZE***)

.addContainerGap(46, Short.***MAX\_VALUE***))

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createSequentialGroup()

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblcomplianceid)

.addComponent(textField\_4, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnLoadRecord))

.addGap(16)

.addComponent(separator, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***)

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblrlType)

.addComponent(textField, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lbldetails)

.addComponent(textArea, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblcreateDate)

.addComponent(textField\_2, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lbldepartment\_id)

.addComponent(textField\_3, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGap(7)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(btnEditRegulation, GroupLayout.***PREFERRED\_SIZE***, 38, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnBack))

.addContainerGap())

);

contentPane.setLayout(gl\_contentPane);

}

}

**package** com.java.employeesystem;

**import** java.awt.Color;

**import** java.awt.EventQueue;

**import** java.awt.Font;

**import** java.awt.event.ActionEvent;

**import** java.awt.event.ActionListener;

**import** java.text.DateFormat;

**import** java.text.ParseException;

**import** java.text.SimpleDateFormat;

**import** javax.swing.GroupLayout;

**import** javax.swing.GroupLayout.Alignment;

**import** javax.swing.JButton;

**import** javax.swing.JFrame;

**import** javax.swing.JLabel;

**import** javax.swing.JOptionPane;

**import** javax.swing.JPanel;

**import** javax.swing.JTextField;

**import** javax.swing.LayoutStyle.ComponentPlacement;

**import** javax.swing.border.EmptyBorder;

**import** java.sql.Date;

**public** **class** AddNewEmployee **extends** JFrame {

/\*\*

\*

\*/

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

**static** AddNewEmployee *frame*;

**private** JPanel contentPane;

**private** JTextField textField;

**private** JTextField textField\_1;

**private** JTextField textField\_2;

**private** JTextField textField\_3;

**private** JTextField textField\_4;

/\*\*

\* Launch the application.

\*/

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

EventQueue.*invokeLater*(**new** Runnable() {

**public** **void** run() {

**try** {

*frame* = **new** AddNewEmployee();

*frame*.setVisible(**true**);

} **catch** (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

**public** AddNewEmployee() {

setDefaultCloseOperation(JFrame.***EXIT\_ON\_CLOSE***);

setBounds(100, 100, 450, 300);

contentPane = **new** JPanel();

contentPane.setBorder(**new** EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblAddEmployee= **new** JLabel("Add Employee");

lblAddEmployee.setForeground(Color.***DARK\_GRAY***);

lblAddEmployee.setFont(**new** Font("Tahoma", Font.***PLAIN***, 20));

JLabel lbldepartment\_id = **new** JLabel("DepartmentID:");

JLabel lblfirstname = **new** JLabel("FirstName");

JLabel lbllastname = **new** JLabel("LastName:");

JLabel lblemail = **new** JLabel("Email:");

JLabel lbldob = **new** JLabel("DOB:");

textField = **new** JTextField();

textField.setColumns(10);

textField\_1 = **new** JTextField();

textField\_1.setColumns(10);

textField\_2 = **new** JTextField();

textField\_2.setColumns(10);

textField\_3 = **new** JTextField();

textField\_3.setColumns(10);

textField\_4 = **new** JTextField();

textField\_4.setColumns(10);

JButton btnAddEmployee = **new** JButton("Add Employee");

btnAddEmployee.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

String firstname=textField\_1.getText();

String lastname=textField\_2.getText();

String email=textField\_3.getText();

//String sdob=textField\_4.getText();

**boolean** performSave=**true**;

String sdob=textField\_4.getText();

DateFormat sdf=**new** SimpleDateFormat("dd/MM/yyyy");

Date dob =**null**;

**if**(!sdob.equals(""))

{

sdob=textField\_4.getText();

dob=Date.*valueOf*(sdob);

**try** {

dob=(Date) sdf.parse(sdob);

} **catch** (ParseException e1) {

// **TODO** Auto-generated catch block

e1.printStackTrace();

}

performSave=**true**;

}

**else**

{

JOptionPane.*showMessageDialog*(**null**,"Please Enter Date of Birth");

performSave=**false**;

}

String s\_departmentid=textField.getText();

**int** department\_id=0;

**if**( ! s\_departmentid.equals(""))

{

s\_departmentid=textField.getText();

//department\_id=Integer.valueOf(s\_departmentid);

department\_id=Integer.*parseInt*(s\_departmentid);

performSave=**true**;

}

**else**

{

JOptionPane.*showMessageDialog*(**null**,"Please Enter Department ID");

performSave=**false**;

}

**if**(textField\_1.getText().isEmpty())

{

JOptionPane.*showMessageDialog*(**null**,"Please Enter FirstName");

performSave=**false**;

}

**if**(textField\_2.getText().isEmpty())

{

JOptionPane.*showMessageDialog*(**null**,"Please Enter LastName");

performSave=**false**;

}

**if**(textField\_3.getText().isEmpty())

{

JOptionPane.*showMessageDialog*(**null**,"Please Enter Email");

performSave=**false**;

}

DateFormat dateFormat=**new** SimpleDateFormat("yyyy");

java.util.Date date=**new** java.util.Date();

**int** thisYear=Integer.*parseInt*(dateFormat.format(date));

**int** yearDob=Integer.*parseInt*(sdob.substring(0,4));

**int** age=thisYear-yearDob;

**if**(age<24)

{

JOptionPane.*showMessageDialog*(AddNewEmployee.**this**,"Sorry, You are under age!Someone who is older than 24 is allowed");

performSave=**false**;

}

**if**(performSave)

{

**int** status=EmployeeDao.*save*(department\_id,firstname,lastname,email,dob);

**if**(status>0){

JOptionPane.*showMessageDialog*(AddNewEmployee.**this**,"Employee added successfully!");

textField.setText("");textField\_1.setText("");textField\_2.setText("");

textField\_3.setText("");textField\_4.setText("");

}**else**{

JOptionPane.*showMessageDialog*(AddNewEmployee.**this**,"Sorry, Unable to add Employee!");

}

}

}

});

JButton btnBack = **new** JButton("Back");

btnBack.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

AdminSection.*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(144)

.addComponent(lblAddEmployee))

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(lbldepartment\_id, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lblfirstname, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lbllastname, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lblemail, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lbldob, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***))

.addGap(33)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***, **false**)

.addComponent(textField, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textField\_1, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textField\_2, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textField\_3, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textField\_4, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***))))

.addContainerGap(124, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(128)

.addComponent(btnAddEmployee, GroupLayout.***PREFERRED\_SIZE***, 145, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnBack)

.addContainerGap(44, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lbldob, GroupLayout.***PREFERRED\_SIZE***, 50, GroupLayout.***PREFERRED\_SIZE***)

.addContainerGap(364, Short.***MAX\_VALUE***))

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createSequentialGroup()

.addComponent(lblAddEmployee)

.addGap(18)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lbldepartment\_id)

.addComponent(textField, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblfirstname)

.addComponent(textField\_1, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lbllastname)

.addComponent(textField\_2, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblemail)

.addComponent(textField\_3, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lbldob)

.addComponent(textField\_4, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addGap(7)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(btnAddEmployee, GroupLayout.***PREFERRED\_SIZE***, 38, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnBack))

.addContainerGap())

);

contentPane.setLayout(gl\_contentPane);

}

}

**package** com.java.employeesystem;

**import** java.awt.BorderLayout;

**import** java.awt.EventQueue;

**import** java.util.List;

**import** javax.swing.JFrame;

**import** javax.swing.JPanel;

**import** javax.swing.JScrollPane;

**import** javax.swing.JTable;

**import** javax.swing.border.EmptyBorder;

**public** **class** ViewEmployees **extends** JFrame {

**static** ViewEmployees *frame*;

**public** ViewEmployees() {

//Code to view data in JTable

List<Employees> list=EmployeeDao.*view*();

**int** size=list.size();

String data[][]=**new** String[size][6];

**int** row=0;

**for**(Employees e1:list){

data[row][0]=String.*valueOf*(e1.getEmpid());

data[row][1]=e1.getFirstname();

data[row][2]=e1.getLasttname();

data[row][3]=String.*valueOf*(e1.getDob());

data[row][4]=e1.getEmail();

data[row][5]=String.*valueOf*(e1.getDepartment\_id());

row++;

}

String columnNames[]={"EmpID","FirstName","LastName","DOB","Email","DepartmentID"};

JTable jt=**new** JTable(data,columnNames);

JScrollPane sp=**new** JScrollPane(jt);

add(sp);

setDefaultCloseOperation(JFrame.***DISPOSE\_ON\_CLOSE***);

setBounds(100, 100, 800, 400);

}

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

EventQueue.*invokeLater*(**new** Runnable() {

**public** **void** run() {

**try** {

*frame* = **new** ViewEmployees();

*frame*.setVisible(**true**);

} **catch** (Exception e) {

e.printStackTrace();

}

}

});

}

}

**package** com.java.employeesystem;

**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.LayoutStyle.ComponentPlacement;

**import** javax.swing.JButton;

**import** javax.swing.JTextField;

**import** javax.swing.JTextPane;

**import** java.awt.event.ActionListener;

**import** java.text.ParseException;

**import** java.text.SimpleDateFormat;

**import** java.sql.Date;

**import** java.awt.event.ActionEvent;

**import** javax.swing.JTextArea;

**import** javax.swing.JSeparator;

**public** **class** EditEmployee **extends** JFrame {

**static** EditEmployee *frame*;

**private** JPanel contentPane;

**private** JTextField textField;

**private** JTextField textField\_1;

**private** JTextField textField\_2;

**private** JTextField textField\_3;

**private** JTextField textField\_4;

**private** JTextField textField\_5;

/\*\*

\* Launch the application.

\*/

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

EventQueue.*invokeLater*(**new** Runnable() {

**public** **void** run() {

**try** {

*frame* = **new** EditEmployee();

*frame*.setVisible(**true**);

} **catch** (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

**public** EditEmployee() {

setDefaultCloseOperation(JFrame.***EXIT\_ON\_CLOSE***);

setBounds(100, 100, 450, 550);

contentPane = **new** JPanel();

contentPane.setBorder(**new** EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblfirstname = **new** JLabel("FirstName:");

JLabel lblastname = **new** JLabel("LastName:");

JLabel lbldob = **new** JLabel("DOB:");

JLabel lblemail = **new** JLabel("Email:");

JLabel lbldepartment\_id = **new** JLabel("DepartmentID:");

JButton btnEditEmployee = **new** JButton("Update Employee");

btnEditEmployee.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

String firstname=textField.getText();

String lastname=textField\_1.getText();

String sdob=textField\_2.getText();

String format="dd/MM/yyyy";

SimpleDateFormat sdf= **new** SimpleDateFormat(format);

Date dob = Date.*valueOf*(sdob);

**try** {

dob = (Date) sdf.parse(sdob);

} **catch** (ParseException e1) {

// **TODO** Auto-generated catch block

e1.printStackTrace();

}

String email=textField\_3.getText();

**int** department\_id=Integer.*parseInt*(textField\_4.getText());

**int** empid=Integer.*parseInt*(textField\_5.getText());

Employees e1=**new** Employees(empid,firstname,lastname,email,dob,department\_id);

**int** status=EmployeeDao.*update*(e1);

**if**(status>0){

JOptionPane.*showMessageDialog*(EditEmployee.**this**,"Employee updated successfully!");

AdminSection.*main*(**new** String[]{});

*frame*.dispose();

}**else**{

JOptionPane.*showMessageDialog*(EditEmployee.**this**,"Sorry, Unable to edit Employee!");

}

}

});

textField = **new** JTextField();

textField.setColumns(10);

textField\_1 = **new** JTextField();

textField\_1.setColumns(10);

textField\_2 = **new** JTextField();

textField\_2.setColumns(10);

textField\_3 = **new** JTextField();

textField\_3.setColumns(10);

textField\_4 = **new** JTextField();

textField\_4.setColumns(10);

JButton btnBack = **new** JButton("back");

btnBack.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

AdminSection.*main*(**new** String[]{});

*frame*.dispose();

}

});

JLabel lblempid = **new** JLabel("EmpID:");

textField\_5 = **new** JTextField();

textField\_5.setColumns(10);

JSeparator separator = **new** JSeparator();

JButton btnLoadRecord = **new** JButton("Load Record");

btnLoadRecord.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent arg0) {

String sempid=textField\_5.getText();

**if**(sempid==**null**||sempid.trim().equals("")){

JOptionPane.*showMessageDialog*(EditEmployee.**this**,"Please enter EmpID first!");

}**else**{

**int** empid=Integer.*parseInt*(sempid);

Employees e1=EmployeeDao.*getEmployeeByid*(empid);

textField.setText(e1.getFirstname());

textField\_1.setText(e1.getLasttname());

textField\_2.setText(String.*valueOf*(e1.getDob()));

textField\_3.setText(e1.getEmail());

textField\_4.setText(String.*valueOf*(e1.getDepartment\_id()));

}

}

});

GroupLayout gl\_contentPane = **new** GroupLayout(contentPane);

gl\_contentPane.setHorizontalGroup(

gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(lblfirstname)

.addComponent(lblastname , GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lbldob , GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lblemail, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lbldepartment\_id, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***TRAILING***, **false**)

.addComponent(lblempid, Alignment.***LEADING***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, Short.***MAX\_VALUE***)))

.addGap(33)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***, **false**)

.addComponent(textField\_3, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textField\_2, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textField\_1, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textField\_4, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textField, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addComponent(textField\_5, GroupLayout.***PREFERRED\_SIZE***, 193, GroupLayout.***PREFERRED\_SIZE***)

.addPreferredGap(ComponentPlacement.***RELATED***, 25, Short.***MAX\_VALUE***)

.addComponent(btnLoadRecord)))

.addGap(16)

.addContainerGap())

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lbldepartment\_id)

.addContainerGap(356, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lblemail, GroupLayout.***DEFAULT\_SIZE***, 64, Short.***MAX\_VALUE***)

.addContainerGap(383, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(128)

.addComponent(btnEditEmployee, GroupLayout.***PREFERRED\_SIZE***, 145, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnBack)

.addContainerGap(78, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lbldob, GroupLayout.***PREFERRED\_SIZE***, 50, GroupLayout.***PREFERRED\_SIZE***)

.addContainerGap(364, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(27)

.addComponent(separator, GroupLayout.***PREFERRED\_SIZE***, 351, GroupLayout.***PREFERRED\_SIZE***)

.addContainerGap(46, Short.***MAX\_VALUE***))

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createSequentialGroup()

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblempid)

.addComponent(textField\_5, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnLoadRecord))

.addGap(16)

.addComponent(separator, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***)

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblfirstname)

.addComponent(textField, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblastname )

.addComponent(textField\_1, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lbldob)

.addComponent(textField\_2, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblemail)

.addComponent(textField\_3, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lbldepartment\_id)

.addComponent(textField\_4, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addGap(7)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(btnEditEmployee, GroupLayout.***PREFERRED\_SIZE***, 38, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnBack))

.addContainerGap())

);

contentPane.setLayout(gl\_contentPane);

}

}

**package** com.java.employeesystem;

**import** java.awt.EventQueue;

**import** java.awt.Font;

**import** java.awt.event.ActionEvent;

**import** java.awt.event.ActionListener;

**import** javax.swing.GroupLayout;

**import** javax.swing.GroupLayout.Alignment;

**import** javax.swing.JButton;

**import** javax.swing.JFrame;

**import** javax.swing.JLabel;

**import** javax.swing.JOptionPane;

**import** javax.swing.JPanel;

**import** javax.swing.JTextField;

**import** javax.swing.border.EmptyBorder;

**public** **class** DeleteEmployee **extends** JFrame {

/\*\*

\*

\*/

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

**static** DeleteEmployee *frame*;

**private** JPanel contentPane;

**private** JTextField textField;

/\*\*

\* Launch the application.

\*/

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

EventQueue.*invokeLater*(**new** Runnable() {

**public** **void** run() {

**try** {

*frame* = **new** DeleteEmployee();

*frame*.setVisible(**true**);

} **catch** (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

**public** DeleteEmployee() {

setDefaultCloseOperation(JFrame.***EXIT\_ON\_CLOSE***);

setBounds(100, 100, 450, 300);

contentPane = **new** JPanel();

contentPane.setBorder(**new** EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblEnterId = **new** JLabel("Enter Id:");

textField = **new** JTextField();

textField.setColumns(10);

JButton btnDelete = **new** JButton("Delete");

btnDelete.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

String sid=textField.getText();

**if**(sid==**null**||sid.trim().equals("")){

JOptionPane.*showMessageDialog*(DeleteEmployee.**this**,"Id can't be blank");

}**else**{

**int** id=Integer.*parseInt*(sid);

**int** i=EmployeeDao.*delete*(id);

**if**(i>0){

JOptionPane.*showMessageDialog*(DeleteEmployee.**this**,"Record deleted successfully!");

}**else**{

JOptionPane.*showMessageDialog*(DeleteEmployee.**this**,"Unable to delete given id!");

}

}

}

});

btnDelete.setFont(**new** Font("Tahoma", Font.***PLAIN***, 13));

JButton btnNewButton = **new** JButton("Back");

btnNewButton.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

AdminSection.*main*(**new** String[]{});

*frame*.dispose();

}

});

btnNewButton.setFont(**new** Font("Tahoma", Font.***PLAIN***, 13));

GroupLayout gl\_contentPane = **new** GroupLayout(contentPane);

gl\_contentPane.setHorizontalGroup(

gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(39)

.addComponent(lblEnterId)

.addGap(57)

.addComponent(textField, GroupLayout.***PREFERRED\_SIZE***, 178, GroupLayout.***PREFERRED\_SIZE***)

.addContainerGap(107, Short.***MAX\_VALUE***))

.addGroup(Alignment.***TRAILING***, gl\_contentPane.createSequentialGroup()

.addContainerGap(175, Short.***MAX\_VALUE***)

.addComponent(btnDelete, GroupLayout.***PREFERRED\_SIZE***, 109, GroupLayout.***PREFERRED\_SIZE***)

.addGap(140))

.addGroup(Alignment.***TRAILING***, gl\_contentPane.createSequentialGroup()

.addContainerGap(322, Short.***MAX\_VALUE***)

.addComponent(btnNewButton, GroupLayout.***PREFERRED\_SIZE***, 92, GroupLayout.***PREFERRED\_SIZE***)

.addContainerGap())

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(19)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(textField, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lblEnterId))

.addGap(33)

.addComponent(btnDelete, GroupLayout.***PREFERRED\_SIZE***, 33, GroupLayout.***PREFERRED\_SIZE***)

.addGap(43)

.addComponent(btnNewButton)

.addContainerGap(78, Short.***MAX\_VALUE***))

);

contentPane.setLayout(gl\_contentPane);

}

}

**package** com.java.employeesystem;

**import** java.awt.Color;

**import** java.awt.EventQueue;

**import** java.awt.Font;

**import** java.awt.event.ActionEvent;

**import** java.awt.event.ActionListener;

**import** java.text.DateFormat;

**import** java.text.ParseException;

**import** java.text.SimpleDateFormat;

**import** java.sql.Date;

**import** javax.swing.GroupLayout;

**import** javax.swing.GroupLayout.Alignment;

**import** javax.swing.JButton;

**import** javax.swing.JFrame;

**import** javax.swing.JLabel;

**import** javax.swing.JOptionPane;

**import** javax.swing.JPanel;

**import** javax.swing.JTextArea;

**import** javax.swing.JTextField;

**import** javax.swing.LayoutStyle.ComponentPlacement;

**import** javax.swing.border.EmptyBorder;

**public** **class** SendComments **extends** JFrame {

/\*\*

\*

\*/

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

**static** SendComments *frame*;

**private** JPanel contentPane;

**private** JTextField textField;

**private** JTextField textField\_1;

**private** JTextField textField\_2;

**private** JTextField textField\_3;

JTextArea textArea;

/\*\*

\* Launch the application.

\*/

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

EventQueue.*invokeLater*(**new** Runnable() {

**public** **void** run() {

**try** {

*frame* = **new** SendComments();

*frame*.setVisible(**true**);

} **catch** (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

**public** SendComments() {

setDefaultCloseOperation(JFrame.***EXIT\_ON\_CLOSE***);

setBounds(100, 100, 450, 503);

contentPane = **new** JPanel();

contentPane.setBorder(**new** EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblSendComments = **new** JLabel("Enter Your Feedback Here.....");

lblSendComments.setForeground(Color.***DARK\_GRAY***);

lblSendComments.setFont(**new** Font("Tahoma", Font.***PLAIN***, 20));

JLabel lblcomplianceid = **new** JLabel("ComplianceID:");

JLabel lblempid = **new** JLabel("EmpID:");

JLabel lblcomments = **new** JLabel("Comments:");

JLabel lblcreateDate = **new** JLabel("CreateDate:");

JLabel lbldepartment\_id = **new** JLabel("DepartmentID:");

JButton btnSendComments = **new** JButton("Send Comments");

btnSendComments.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

String comments=textArea.getText();

**boolean** performSave=**true**;

String screatedate=textField\_2.getText();

DateFormat sdf=**new** SimpleDateFormat("dd/MM/yyyy");

Date createdate =**null**;

**if**(!screatedate.equals(""))

{

screatedate=textField\_2.getText();

createdate=Date.*valueOf*(screatedate);

**try** {

createdate=(Date) sdf.parse(screatedate);

} **catch** (ParseException e1) {

// **TODO** Auto-generated catch block

e1.printStackTrace();

}

performSave=**true**;

}

**else**

{

JOptionPane.*showMessageDialog*(**null**,"Please Enter Create Date");

performSave=**false**;

}

String s\_complianceid=textField.getText();

**int** compliance\_id=0;

**if**( ! s\_complianceid.equals(""))

{

s\_complianceid=textField.getText();

compliance\_id=Integer.*valueOf*(s\_complianceid);

performSave=**true**;

}

**else**

{

JOptionPane.*showMessageDialog*(**null**,"Please Enter Compliance ID");

performSave=**false**;

}

String s\_empid=textField\_1.getText();

**int** emp\_id=0;

**if**( ! s\_empid.equals(""))

{

s\_empid=textField\_1.getText();

emp\_id=Integer.*valueOf*(s\_empid);

performSave=**true**;

}

**else**

{

JOptionPane.*showMessageDialog*(**null**,"Please Enter Emp ID");

performSave=**false**;

}

String s\_departmentid=textField\_3.getText();

**int** department\_id=0;

**if**( ! s\_departmentid.equals(""))

{

s\_departmentid=textField\_3.getText();

department\_id=Integer.*valueOf*(s\_departmentid);

performSave=**true**;

}

**else**

{

JOptionPane.*showMessageDialog*(**null**,"Please Enter Department ID");

performSave=**false**;

}

**if**(textArea.getText().isEmpty())

{

JOptionPane.*showMessageDialog*(**null**,"Please Enter Comments");

performSave=**false**;

}

**if**(performSave)

{

**int** status=StatusReportDao.*save*(compliance\_id, emp\_id, comments, createdate, department\_id);

**if**(status>0){

JOptionPane.*showMessageDialog*(SendComments.**this**,"Comment sent successfully!");

textField.setText("");textField\_1.setText("");textField\_2.setText("");

textField\_3.setText("");

textArea.setText("");

}**else**{

JOptionPane.*showMessageDialog*(SendComments.**this**,"Sorry, Unable to send comment!");

}

}

}

});

textField = **new** JTextField();

textField.setColumns(10);

textField\_1 = **new** JTextField();

textField\_1.setColumns(10);

textField\_2 = **new** JTextField();

textField\_2.setColumns(10);

textField\_3 = **new** JTextField();

textField\_3.setColumns(10);

textArea = **new** JTextArea();

textArea.setRows(3);

textArea.setColumns(20);

JButton btnBack = **new** JButton("back");

btnBack.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

EmployeeSection.*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(144)

.addComponent(lblSendComments))

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(lblcomplianceid)

.addComponent(lblempid, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lblcomments, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lblcreateDate, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lbldepartment\_id, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***))

.addGap(33)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***, **false**)

.addComponent(textField, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textField\_1, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textArea, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textField\_2, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(textField\_3, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***))))

.addContainerGap(124, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(128)

.addComponent(btnSendComments, GroupLayout.***PREFERRED\_SIZE***, 145, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnBack)

.addContainerGap(44, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lblcreateDate, GroupLayout.***PREFERRED\_SIZE***, 50, GroupLayout.***PREFERRED\_SIZE***)

.addContainerGap(364, Short.***MAX\_VALUE***))

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createSequentialGroup()

.addComponent(lblSendComments)

.addGap(18)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblcomplianceid)

.addComponent(textField, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblempid)

.addComponent(textField\_1, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblcomments)

.addComponent(textArea, GroupLayout.***PREFERRED\_SIZE***, 49, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblcreateDate)

.addComponent(textField\_2, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lbldepartment\_id)

.addComponent(textField\_3, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addGap(7)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(btnSendComments, GroupLayout.***PREFERRED\_SIZE***, 38, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnBack))

.addContainerGap())

);

contentPane.setLayout(gl\_contentPane);

}

}

**package** com.java.employeesystem;

**import** java.awt.BorderLayout;

**import** java.awt.EventQueue;

**import** java.util.List;

**import** javax.swing.JFrame;

**import** javax.swing.JPanel;

**import** javax.swing.JScrollPane;

**import** javax.swing.JTable;

**import** javax.swing.border.EmptyBorder;

**public** **class** ViewComments **extends** JFrame {

**static** ViewComments *frame*;

**public** ViewComments() {

//Code to view data in JTable

List<Statusreport> list=StatusReportDao.*view*();

**int** size=list.size();

String data[][]=**new** String[size][6];

**int** row=0;

**for**(Statusreport s:list){

data[row][0]=String.*valueOf*(s.getStatusrptid());

data[row][1]=String.*valueOf*(s.getComplianceid());

data[row][2]=String.*valueOf*(s.getEmpid());

data[row][3]=s.getComments();

data[row][4]=String.*valueOf*(s.getCreateDate());

data[row][5]=String.*valueOf*(s.getDepartment\_id());

row++;

}

String columnNames[]={"StatusRPTID","ComplianceID","EMPID","Comments","CreateDate","DepartmentID"};

JTable jt=**new** JTable(data,columnNames);

JScrollPane sp=**new** JScrollPane(jt);

add(sp);

setDefaultCloseOperation(JFrame.***DISPOSE\_ON\_CLOSE***);

setBounds(100, 100, 800, 400);

}

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

EventQueue.*invokeLater*(**new** Runnable() {

**public** **void** run() {

**try** {

*frame* = **new** ViewComments();

*frame*.setVisible(**true**);

} **catch** (Exception e) {

e.printStackTrace();

}

}

});

}

}

**package** com.java.employeesystem;

**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.LayoutStyle.ComponentPlacement;

**import** javax.swing.JButton;

**import** javax.swing.JTextField;

**import** javax.swing.JTextPane;

**import** java.awt.event.ActionListener;

**import** java.text.ParseException;

**import** java.text.SimpleDateFormat;

**import** java.sql.Date;

**import** java.awt.event.ActionEvent;

**import** javax.swing.JTextArea;

**import** javax.swing.JSeparator;

**public** **class** EditComments **extends** JFrame {

**static** EditComments *frame*;

**private** JPanel contentPane;

**private** JTextField textField;

**private** JTextField textField\_1;

**private** JTextField textField\_2;

**private** JTextField textField\_3;

**private** JTextField textField\_4;

**private** JTextField textField\_5;

/\*\*

\* Launch the application.

\*/

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

EventQueue.*invokeLater*(**new** Runnable() {

**public** **void** run() {

**try** {

*frame* = **new** EditComments();

*frame*.setVisible(**true**);

} **catch** (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

**public** EditComments() {

setDefaultCloseOperation(JFrame.***EXIT\_ON\_CLOSE***);

setBounds(100, 100, 450, 550);

contentPane = **new** JPanel();

contentPane.setBorder(**new** EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblcomplianceid = **new** JLabel("ComplianceID:");

JLabel lblempid = **new** JLabel("EmpID:");

JLabel lblcomments = **new** JLabel("Comments:");

JLabel lblcreateDate = **new** JLabel("CreateDate:");

JLabel lbldepartment\_id = **new** JLabel("DepartmentID:");

JButton btnEditComments = **new** JButton("Update Comments");

btnEditComments.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

**int** complianceid=Integer.*parseInt*(textField.getText());

**int** empid=Integer.*parseInt*(textField\_1.getText());

String comments=textField\_2.getText();

String screateDate=textField\_3.getText();

String format="dd/MM/yyyy";

SimpleDateFormat sdf= **new** SimpleDateFormat(format);

Date createdate = Date.*valueOf*(screateDate);

**try** {

createdate = (Date) sdf.parse(screateDate);

} **catch** (ParseException e1) {

// **TODO** Auto-generated catch block

e1.printStackTrace();

}

**int** department\_id=Integer.*parseInt*(textField\_4.getText());

**int** statusrptid=Integer.*parseInt*(textField\_5.getText());

Statusreport s=**new** Statusreport(complianceid,statusrptid,empid,department\_id,comments,createdate);

**int** status=StatusReportDao.*update*(s);

**if**(status>0){

JOptionPane.*showMessageDialog*(EditComments.**this**,"Comments updated successfully!");

EmployeeSection.*main*(**new** String[]{});

*frame*.dispose();

}**else**{

JOptionPane.*showMessageDialog*(EditComments.**this**,"Sorry, Unable to edit Comments!");

}

}

});

textField = **new** JTextField();

textField.setColumns(10);

textField\_1 = **new** JTextField();

textField\_1.setColumns(10);

textField\_2 = **new** JTextField();

textField\_2.setColumns(10);

textField\_3 = **new** JTextField();

textField\_3.setColumns(10);

textField\_4 = **new** JTextField();

textField\_4.setColumns(10);

JButton btnBack = **new** JButton("back");

btnBack.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

EmployeeSection.*main*(**new** String[]{});

*frame*.dispose();

}

});

JLabel lblstatusrptid = **new** JLabel("StatusRPTID:");

textField\_5 = **new** JTextField();

textField\_5.setColumns(10);

JSeparator separator = **new** JSeparator();

JButton btnLoadRecord = **new** JButton("Load Record");

btnLoadRecord.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent arg0) {

String sstatusrptid=textField\_5.getText();

**if**(sstatusrptid==**null**||sstatusrptid.trim().equals("")){

JOptionPane.*showMessageDialog*(EditComments.**this**,"Please enter StatusRPTID first!");

}**else**{

**int** statusrptid=Integer.*parseInt*(sstatusrptid);

Statusreport s=StatusReportDao.*getStatusreportByid*(statusrptid);

textField.setText(String.*valueOf*(s.getComplianceid()));

textField\_1.setText(String.*valueOf*(s.getEmpid()));

textField\_2.setText(s.getComments());

textField\_3.setText(String.*valueOf*(s.getCreateDate()));

textField\_4.setText(String.*valueOf*(s.getDepartment\_id()));

}

}

});

GroupLayout gl\_contentPane = **new** GroupLayout(contentPane);

gl\_contentPane.setHorizontalGroup(

gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(lblcomplianceid)

.addComponent(lblempid , GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lblcomments, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lblcreateDate, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(lbldepartment\_id, GroupLayout.***PREFERRED\_SIZE***, 133, GroupLayout.***PREFERRED\_SIZE***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***TRAILING***, **false**)

.addComponent(lblstatusrptid, Alignment.***LEADING***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, Short.***MAX\_VALUE***)))

.addGap(33)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***, **false**)

.addComponent(textField\_3, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textField\_2, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textField\_1, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textField, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***)

.addComponent(textField\_4, GroupLayout.***DEFAULT\_SIZE***, 193, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addComponent(textField\_5, GroupLayout.***PREFERRED\_SIZE***, 193, GroupLayout.***PREFERRED\_SIZE***)

.addPreferredGap(ComponentPlacement.***RELATED***, 25, Short.***MAX\_VALUE***)

.addComponent(btnLoadRecord)))

.addGap(16)

.addContainerGap())

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lbldepartment\_id)

.addContainerGap(356, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lblcreateDate, GroupLayout.***DEFAULT\_SIZE***, 64, Short.***MAX\_VALUE***)

.addGap(350))

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lblcomments, GroupLayout.***DEFAULT\_SIZE***, 64, Short.***MAX\_VALUE***)

.addContainerGap(383, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(128)

.addComponent(btnEditComments, GroupLayout.***PREFERRED\_SIZE***, 145, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnBack)

.addContainerGap(78, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lblempid, GroupLayout.***PREFERRED\_SIZE***, 50, GroupLayout.***PREFERRED\_SIZE***)

.addContainerGap(364, Short.***MAX\_VALUE***))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(27)

.addComponent(separator, GroupLayout.***PREFERRED\_SIZE***, 351, GroupLayout.***PREFERRED\_SIZE***)

.addContainerGap(46, Short.***MAX\_VALUE***))

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createSequentialGroup()

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblstatusrptid)

.addComponent(textField\_5, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnLoadRecord))

.addGap(16)

.addComponent(separator, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***)

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblcomplianceid)

.addComponent(textField, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblempid)

.addComponent(textField\_1, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblcomments)

.addComponent(textField\_2, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblcreateDate)

.addComponent(textField\_3, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addPreferredGap(ComponentPlacement.***UNRELATED***)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lbldepartment\_id)

.addComponent(textField\_4, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***PREFERRED\_SIZE***))

.addGap(7)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(btnEditComments, GroupLayout.***PREFERRED\_SIZE***, 38, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnBack))

.addContainerGap())

);

contentPane.setLayout(gl\_contentPane);

}

}

**package** com.java.employeesystem;

**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.***DARK\_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("Nkululeko93")){

String s[]={};

AdminSection.*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)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***BASELINE***)

.addComponent(lblName)

.addComponent(textField, GroupLayout.***PREFERRED\_SIZE***, GroupLayout.***DEFAULT\_SIZE***, GroupLayout.***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);

}

}

**package** com.java.employeesystem;

**import** java.awt.Color;

**import** java.awt.EventQueue;

**import** java.awt.Font;

**import** java.awt.event.ActionEvent;

**import** java.awt.event.ActionListener;

**import** javax.swing.GroupLayout;

**import** javax.swing.GroupLayout.Alignment;

**import** javax.swing.JButton;

**import** javax.swing.JFrame;

**import** javax.swing.JLabel;

**import** javax.swing.JPanel;

**import** javax.swing.JScrollPane;

**import** javax.swing.border.EmptyBorder;

**public** **class** AdminSection **extends** JFrame {

/\*\*

\*

\*/

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

**static** AdminSection *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** AdminSection();

*frame*.setVisible(**true**);

} **catch** (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

**public** AdminSection() {

setDefaultCloseOperation(JFrame.***EXIT\_ON\_CLOSE***);

setBounds(100, 100, 450, 300);

contentPane = **new** JPanel();

contentPane.setBorder(**new** EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblAdminSection = **new** JLabel("Admin Section");

lblAdminSection.setForeground(Color.***DARK\_GRAY***);

lblAdminSection.setFont(**new** Font("Tahoma", Font.***PLAIN***, 20));

JButton btnAddRegulation = **new** JButton("Add Regulations");

btnAddRegulation.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

AddNewRegulation.*main*(**new** String[]{});

*frame*.dispose();

}

});

JButton btnViewRegulation = **new** JButton("View Regulations");

btnViewRegulation.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

ViewRegulations.*main*(**new** String[]{});

}

});

JButton btnEditRegulation = **new** JButton("Update Regulations");

btnEditRegulation.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

EditRegulation.*main*(**new** String[]{});

}

});

JButton btnAddDepartment = **new** JButton("Add Departments");

btnAddDepartment.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

AddNewDepartment.*main*(**new** String[]{});

}

});

JButton btnViewDepartment = **new** JButton("View Departments");

btnViewDepartment.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

ViewDepartments.*main*(**new** String[]{});

}

});

JButton btnEditDepartment = **new** JButton("Update Departments");

btnEditDepartment.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

EditDepartment.*main*(**new** String[]{});

}

});

JButton btnAddEmployee = **new** JButton("Add Employees");

btnAddEmployee.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

AddNewEmployee.*main*(**new** String[]{});

}

});

JButton btnViewEmployee = **new** JButton("View Employees");

btnViewEmployee.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

ViewEmployees.*main*(**new** String[]{});

}

});

JButton btnEditEmployee = **new** JButton("Edit Employees");

btnEditEmployee.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

EditEmployee.*main*(**new** String[]{});

}

});

JButton btnDeleteEmployee = **new** JButton("Delete Employee");

btnDeleteEmployee.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

DeleteEmployee.*main*(**new** String[]{});

}

});

JButton btnViewComments = **new** JButton("View Comments");

btnViewComments.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

ViewComments.*main*(**new** String[]{});

}

});

JButton btnLogout = **new** JButton("Logout");

btnLogout.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

AdminLogin.*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(lblAdminSection))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(149)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(btnAddRegulation, GroupLayout.***PREFERRED\_SIZE***, 155, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnViewRegulation, GroupLayout.***PREFERRED\_SIZE***, 155, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnEditRegulation, GroupLayout.***PREFERRED\_SIZE***, 155, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnAddDepartment, GroupLayout.***PREFERRED\_SIZE***, 155, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnViewDepartment, GroupLayout.***PREFERRED\_SIZE***, 155, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnEditDepartment, GroupLayout.***PREFERRED\_SIZE***, 155, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnAddEmployee, GroupLayout.***PREFERRED\_SIZE***, 155,GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnViewEmployee, GroupLayout.***PREFERRED\_SIZE***, 155, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnEditEmployee, GroupLayout.***PREFERRED\_SIZE***, 155, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnDeleteEmployee, GroupLayout.***PREFERRED\_SIZE***, 155, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnViewComments, GroupLayout.***PREFERRED\_SIZE***, 155, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnLogout, GroupLayout.***PREFERRED\_SIZE***, 155, GroupLayout.***PREFERRED\_SIZE***))))

.addContainerGap(144, Short.***MAX\_VALUE***))

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createSequentialGroup()

.addComponent(lblAdminSection)

.addGap(29)

.addComponent(btnAddRegulation, GroupLayout.***PREFERRED\_SIZE***, 34, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnViewRegulation, GroupLayout.***PREFERRED\_SIZE***, 34, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnEditRegulation, GroupLayout.***PREFERRED\_SIZE***, 34, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnAddDepartment, GroupLayout.***PREFERRED\_SIZE***, 34, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnViewDepartment, GroupLayout.***PREFERRED\_SIZE***, 34, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnEditDepartment, GroupLayout.***PREFERRED\_SIZE***, 34, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnAddEmployee, GroupLayout.***PREFERRED\_SIZE***, 34, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnViewEmployee, GroupLayout.***PREFERRED\_SIZE***, 34, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnEditEmployee, GroupLayout.***PREFERRED\_SIZE***, 34, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnDeleteEmployee, GroupLayout.***PREFERRED\_SIZE***, 34, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnViewComments, 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);

}

}

**package** com.java.employeesystem;

**public** **class** DBValues {

**static** String *dbname*="employee-db";

**static** String *dbpass*="Nkululeko\_93";

**static** String *dbhost*="localhost";

**static** String *dbuname*="root";

**static** String *dbport*="3306";

**static** String *s*="";

}

**Then we can now create the SignUpPage.java class**

**package** com.java.employeesystem;

**import** java.awt.EventQueue;

**import** javax.swing.JFrame;

**import** javax.swing.JLabel;

**import** java.awt.Font;

**import** javax.swing.JOptionPane;

**import** javax.swing.JTextField;

**import** javax.swing.JPasswordField;

**import** javax.swing.JButton;

**import** java.awt.event.ActionListener;

**import** java.awt.event.ActionEvent;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.ResultSet;

**import** java.sql.SQLException;

**import** java.sql.Statement;

**import** javax.swing.SwingConstants;

**import** java.awt.Toolkit;

**import** javax.swing.ImageIcon;

**public** **class** SignUpPage {

JFrame frameSignUp;

**private** JTextField txtEmpid;

**private** JPasswordField passwordField;

/\*\*

\* Launch the application.

\*/

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

EventQueue.*invokeLater*(**new** Runnable() {

**public** **void** run() {

**try** {

SignUpPage window = **new** SignUpPage();

window.frameSignUp.setVisible(**true**);

} **catch** (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the application.

\*/

**public** SignUpPage() {

initialize();

}

/\*\*

\* Initialize the contents of the frame.

\*/

**private** **void** initialize() {

frameSignUp = **new** JFrame();

frameSignUp.setIconImage(Toolkit.*getDefaultToolkit*().getImage(SignUpPage.**class**.getResource("/com/java/employeesystem/power\_icon.png")));

frameSignUp.setResizable(**false**);

frameSignUp.setTitle("Sign Up to continue");

frameSignUp.setBounds(100, 100, 915, 658);

frameSignUp.setDefaultCloseOperation(JFrame.***EXIT\_ON\_CLOSE***);

frameSignUp.getContentPane().setLayout(**null**);

JLabel lblSignUp = **new** JLabel("Sign Up");

lblSignUp.setHorizontalAlignment(SwingConstants.***CENTER***);

lblSignUp.setFont(**new** Font("GTWalsheimLight", Font.***PLAIN***, 23));

lblSignUp.setBounds(10, 104, 889, 36);

frameSignUp.getContentPane().add(lblSignUp);

JLabel lblEmpid = **new** JLabel("Emp ID");

lblEmpid.setBounds(154, 208, 70, 22);

frameSignUp.getContentPane().add(lblEmpid);

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

lblPassword.setBounds(154, 274, 70, 14);

frameSignUp.getContentPane().add(lblPassword);

txtEmpid = **new** JTextField();

txtEmpid.setBounds(341, 209, 309, 20);

frameSignUp.getContentPane().add(txtEmpid);

txtEmpid.setColumns(10);

passwordField = **new** JPasswordField();

passwordField.setBounds(341, 271, 309, 20);

frameSignUp.getContentPane().add(passwordField);

JButton btnSignUp = **new** JButton("Sign Up");

btnSignUp.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

**int** empid=Integer.*parseInt*(txtEmpid.getText());

String zpass2=**new** String(passwordField.getPassword());

**if** (zpass2.equals("")) {

JOptionPane.*showMessageDialog*(frameSignUp, "Password cannot be blank");

}

**else**{

**try**{

Class.*forName*("com.mysql.jdbc.Driver");

Connection connection=DriverManager.*getConnection*(

"jdbc:mysql://"+DBValues.*dbhost*+":"+DBValues.*dbport*+"/"+DBValues.*dbname*+"",""+DBValues.*dbuname*+"",""+DBValues.*dbpass*+"");

String qu3= "select \* from login\_master where empid='"+empid+"'";

Statement statement2= connection.createStatement();

ResultSet row2= statement2.executeQuery(qu3);

**if** (row2.first()) {

JOptionPane.*showMessageDialog*(frameSignUp, " Username already exists!!");

}

**else**{

String qu2= "insert into login\_master(empid,password ) values ('"+empid+"','"+zpass2+"')";

Statement statement= connection.createStatement();

**int** row= statement.executeUpdate(qu2);

JOptionPane.*showMessageDialog*(frameSignUp, row+" user registered successfully!");

UserLogin page = **new** UserLogin();

page.frameLoginPage.setVisible(**true**);

frameSignUp.dispose();

}

} **catch** (ClassNotFoundException e1) {

// **TODO** Auto-generated catch block

e1.printStackTrace();

} **catch** (SQLException e2) {

// **TODO** Auto-generated catch block

e2.printStackTrace();

}

}

}});

btnSignUp.setBounds(260, 344, 349, 23);

frameSignUp.getContentPane().add(btnSignUp);

JButton btnLogIn = **new** JButton("Log In");

btnLogIn.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

UserLogin page = **new** UserLogin();

page.frameLoginPage.setVisible(**true**);

frameSignUp.dispose();

}

});

btnLogIn.setBounds(367, 428, 153, 23);

frameSignUp.getContentPane().add(btnLogIn);

JLabel label = **new** JLabel("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

label.setHorizontalAlignment(SwingConstants.***CENTER***);

label.setBounds(289, 378, 269, 14);

frameSignUp.getContentPane().add(label);

JLabel lblAlreadyAUser = **new** JLabel("Already a User?");

lblAlreadyAUser.setHorizontalAlignment(SwingConstants.***CENTER***);

lblAlreadyAUser.setBounds(357, 403, 153, 14);

frameSignUp.getContentPane().add(lblAlreadyAUser);

JLabel lblAsNewUser = **new** JLabel("as New User");

lblAsNewUser.setHorizontalAlignment(SwingConstants.***CENTER***);

lblAsNewUser.setBounds(20, 143, 879, 14);

frameSignUp.getContentPane().add(lblAsNewUser);

JLabel label\_1 = **new** JLabel("");

label\_1.setIcon(**new** ImageIcon(SignUpPage.**class**.getResource("/com/java/employeesystem/back\_3.jpg")));

label\_1.setBounds(-13, 0, 951, 685);

frameSignUp.getContentPane().add(label\_1);

}

}

**package** com.java.employeesystem;

**import** java.awt.EventQueue;

**import** javax.swing.JFrame;

**import** javax.swing.JLabel;

**import** java.awt.Font;

**import** javax.swing.JOptionPane;

**import** javax.swing.JTextField;

**import** javax.swing.JPasswordField;

**import** javax.swing.JButton;

**import** java.awt.event.ActionListener;

**import** java.awt.event.ActionEvent;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.ResultSet;

**import** java.sql.SQLException;

**import** java.sql.Statement;

**import** javax.swing.SwingConstants;

**import** javax.swing.ImageIcon;

**import** java.awt.Color;

**import** java.awt.Toolkit;

**public** **class** UserLogin {

**static** **int** *uempidtopass*;

JFrame frameLoginPage;

**private** JPasswordField passwordField;

**private** JTextField textFieldEmpid;

/\*\*

\* Launch the application.

\*/

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

EventQueue.*invokeLater*(**new** Runnable() {

**public** **void** run() {

**try** {

UserLogin window = **new** UserLogin();

window.frameLoginPage.setVisible(**true**);

} **catch** (Exception e) {

e.printStackTrace();

}

}

});

}

**public** UserLogin() {

initialize();

}

**private** **void** initialize() {

frameLoginPage = **new** JFrame();

frameLoginPage.setIconImage(Toolkit.*getDefaultToolkit*().getImage(UserLogin.**class**.getResource("/com/java/employeesystem/power\_icon.png")));

frameLoginPage.setResizable(**false**);

frameLoginPage.getContentPane().setBackground(Color.***WHITE***);

frameLoginPage.setBackground(Color.***WHITE***);

frameLoginPage.setTitle("Log In to continue");

frameLoginPage.setBounds(100, 100, 924, 634);

frameLoginPage.setDefaultCloseOperation(JFrame.***EXIT\_ON\_CLOSE***);

frameLoginPage.getContentPane().setLayout(**null**);

JLabel lblLogInTo = **new** JLabel("Log In to continue");

lblLogInTo.setHorizontalAlignment(SwingConstants.***CENTER***);

lblLogInTo.setFont(**new** Font("Raleway", Font.***PLAIN***, 18));

lblLogInTo.setBounds(10, 69, 847, 67);

frameLoginPage.getContentPane().add(lblLogInTo);

JLabel lblUsername = **new** JLabel("EmpID");

lblUsername.setFont(**new** Font("Raleway", Font.***PLAIN***, 15));

lblUsername.setHorizontalAlignment(SwingConstants.***CENTER***);

lblUsername.setBounds(10, 184, 847, 23);

frameLoginPage.getContentPane().add(lblUsername);

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

lblPassword.setFont(**new** Font("Raleway", Font.***PLAIN***, 15));

lblPassword.setHorizontalAlignment(SwingConstants.***CENTER***);

lblPassword.setBounds(10, 252, 847, 39);

frameLoginPage.getContentPane().add(lblPassword);

passwordField = **new** JPasswordField();

passwordField.setToolTipText("Enter Password ");

passwordField.setHorizontalAlignment(SwingConstants.***CENTER***);

passwordField.setBounds(148, 302, 565, 23);

frameLoginPage.getContentPane().add(passwordField);

textFieldEmpid = **new** JTextField();

textFieldEmpid.setHorizontalAlignment(SwingConstants.***CENTER***);

textFieldEmpid.setToolTipText("Enter EmpID");

textFieldEmpid.setBounds(148, 218, 565, 23);

frameLoginPage.getContentPane().add(textFieldEmpid);

textFieldEmpid.setColumns(10);

JButton btnLogIn = **new** JButton("Log In");

btnLogIn.setForeground(**new** Color(255, 255, 255));

btnLogIn.setFont(**new** Font("Raleway", Font.***PLAIN***, 13));

btnLogIn.setBackground(**new** Color(100, 149, 237));

btnLogIn.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

String s\_empid=textFieldEmpid.getText();

**int** emp\_id=0;

**if**( ! s\_empid.equals(""))

{

s\_empid=textFieldEmpid.getText();

emp\_id=Integer.*valueOf*(s\_empid);

}

**else**

{

JOptionPane.*showMessageDialog*(**null**,"Please Enter EmpID");

}

*uempidtopass*=emp\_id;

String password=**new** String(passwordField.getPassword());

**if** (password.equals("")) {

JOptionPane.*showMessageDialog*(frameLoginPage, "Password cannot be blank");

}

**else**{

**try**{

Class.*forName*("com.mysql.jdbc.Driver");

Connection connection;

connection=DriverManager.*getConnection*(

"jdbc:mysql://"+DBValues.*dbhost*+":"+DBValues.*dbport*+"/"+DBValues.*dbname*+"",""+DBValues.*dbuname*+"",""+DBValues.*dbpass*+"");

String qu2= "select \* from login\_master where empid='"+emp\_id+"'&& password='"+password+"' ";

Statement statement= connection.createStatement();

ResultSet row= statement.executeQuery(qu2);

**if** (row.first()) {

JOptionPane.*showMessageDialog*(frameLoginPage, " Logged In successfully!");

EmployeeSection landingPage = **new** EmployeeSection();

landingPage.setVisible(**true**);

frameLoginPage.dispose();

}

**else**{

JOptionPane.*showMessageDialog*(frameLoginPage, " EmpID/Password is Wrong or User is not verified by Admin. Contact Admin");

}

} **catch** (ClassNotFoundException e1) {

// **TODO** Auto-generated catch block

e1.printStackTrace();

} **catch** (SQLException e2) {

// **TODO** Auto-generated catch block

e2.printStackTrace();

}

}

}});

btnLogIn.setBounds(225, 336, 401, 47);

frameLoginPage.getContentPane().add(btnLogIn);

JLabel lblOr = **new** JLabel("or");

lblOr.setHorizontalAlignment(SwingConstants.***CENTER***);

lblOr.setBounds(363, 425, 115, 14);

frameLoginPage.getContentPane().add(lblOr);

JButton btnSignup = **new** JButton("Signup");

btnSignup.setForeground(**new** Color(0, 0, 0));

btnSignup.setBackground(**new** Color(0, 250, 154));

btnSignup.setFont(**new** Font("Raleway", Font.***PLAIN***, 12));

btnSignup.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

SignUpPage page = **new** SignUpPage();

page.frameSignUp.setVisible(**true**);

frameLoginPage.dispose();

}

});

btnSignup.setBounds(290, 465, 271, 39);

frameLoginPage.getContentPane().add(btnSignup);

JLabel lblUserLogin = **new** JLabel("User Login");

lblUserLogin.setBackground(Color.***LIGHT\_GRAY***);

lblUserLogin.setHorizontalAlignment(SwingConstants.***CENTER***);

lblUserLogin.setFont(**new** Font("Raleway", Font.***PLAIN***, 20));

lblUserLogin.setBounds(297, 27, 264, 47);

frameLoginPage.getContentPane().add(lblUserLogin);

JButton btnGoBack = **new** JButton("Go Back");

btnGoBack.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

StartPage page = **new** StartPage();

page.frmWelcome.setVisible(**true**);

frameLoginPage.dispose();

}

});

btnGoBack.setBounds(10, 10, 153, 23);

frameLoginPage.getContentPane().add(btnGoBack);

JLabel label = **new** JLabel("");

label.setIcon(**new** ImageIcon(UserLogin.**class**.getResource("/com/java/employeesystem/bg\_gray.png")));

label.setBackground(Color.***LIGHT\_GRAY***);

label.setBounds(0, 0, 918, 617);

frameLoginPage.getContentPane().add(label);

}

}

**package** com.java.employeesystem;

**import** java.awt.Color;

**import** java.awt.EventQueue;

**import** java.awt.Font;

**import** java.awt.event.ActionEvent;

**import** java.awt.event.ActionListener;

**import** javax.swing.GroupLayout;

**import** javax.swing.GroupLayout.Alignment;

**import** javax.swing.JButton;

**import** javax.swing.JFrame;

**import** javax.swing.JLabel;

**import** javax.swing.JPanel;

**import** javax.swing.JScrollPane;

**import** javax.swing.border.EmptyBorder;

**public** **class** EmployeeSection **extends** JFrame {

/\*\*

\*

\*/

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

**static** EmployeeSection *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** EmployeeSection();

*frame*.setVisible(**true**);

} **catch** (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

**public** EmployeeSection() {

setDefaultCloseOperation(JFrame.***EXIT\_ON\_CLOSE***);

setBounds(100, 100, 450, 300);

contentPane = **new** JPanel();

contentPane.setBorder(**new** EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblEmployeeSection = **new** JLabel("Employee Section");

lblEmployeeSection.setForeground(Color.***DARK\_GRAY***);

lblEmployeeSection.setFont(**new** Font("Tahoma", Font.***PLAIN***, 20));

JButton btnViewRegulation = **new** JButton("View Regulations");

btnViewRegulation.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

ViewRegulations.*main*(**new** String[]{});

}

});

JButton btnSendFeedback = **new** JButton("Send Your Comments");

btnSendFeedback.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

SendComments.*main*(**new** String[]{});

}

});

JButton btnViewComment = **new** JButton("View your Comments sent");

btnViewComment.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

ViewComments.*main*(**new** String[]{});

}

});

JButton btnEditComment = **new** JButton("Edit Your Comments");

btnEditEditComment.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

EditComments.*main*(**new** String[]{});

}

});

JButton btnLogout = **new** JButton("Logout");

btnLogout.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent e) {

UserLogin.*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(lblEmployeeSection))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(149)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addComponent(btnViewRegulation, GroupLayout.***PREFERRED\_SIZE***, 195, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnSendFeedback, GroupLayout.***PREFERRED\_SIZE***, 195, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnViewComment, GroupLayout.***PREFERRED\_SIZE***, 195, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnEditComment, GroupLayout.***PREFERRED\_SIZE***, 195, GroupLayout.***PREFERRED\_SIZE***)

.addComponent(btnLogout, GroupLayout.***PREFERRED\_SIZE***, 195, GroupLayout.***PREFERRED\_SIZE***))))

.addContainerGap(144, Short.***MAX\_VALUE***))

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.***LEADING***)

.addGroup(gl\_contentPane.createSequentialGroup()

.addComponent(lblEmployeeSection)

.addGap(29)

.addComponent(btnViewRegulation, GroupLayout.***PREFERRED\_SIZE***, 34, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnSendFeedback, GroupLayout.***PREFERRED\_SIZE***, 34, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnViewComment, GroupLayout.***PREFERRED\_SIZE***, 34, GroupLayout.***PREFERRED\_SIZE***)

.addGap(18)

.addComponent(btnEditFeedback, 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);

}

}