

Nama: Siti Rohmah

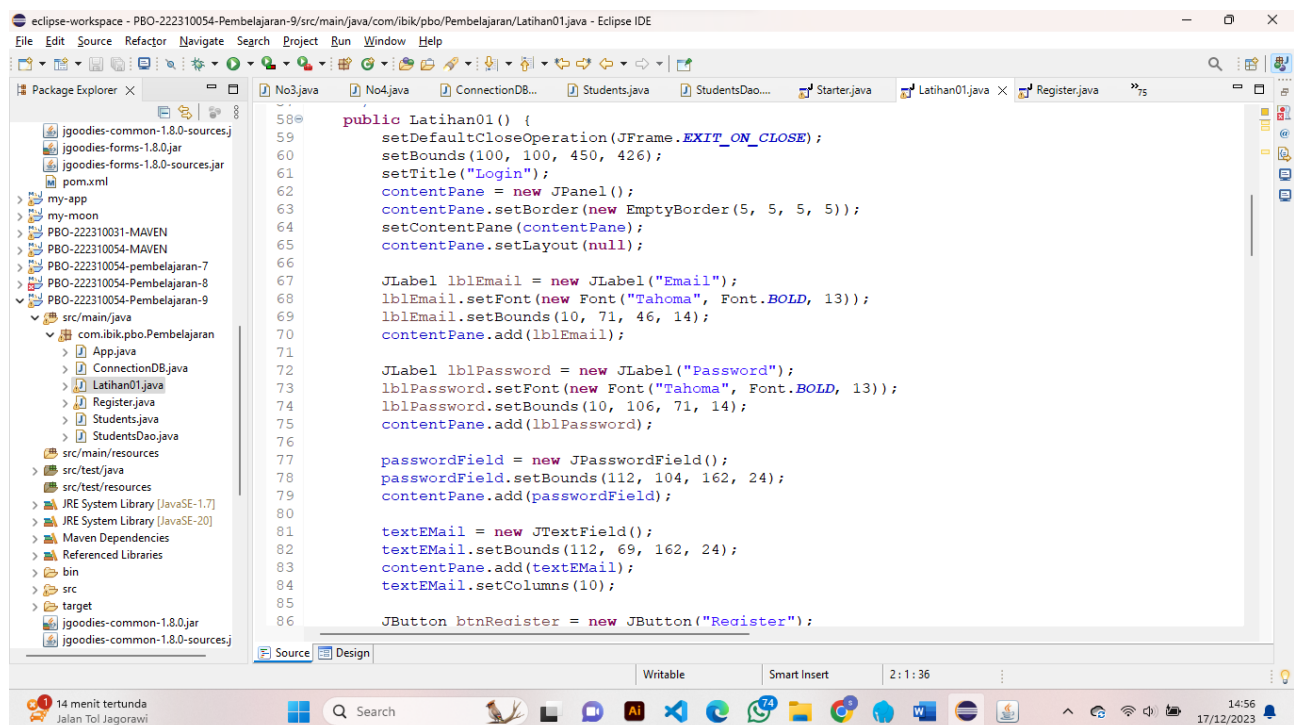
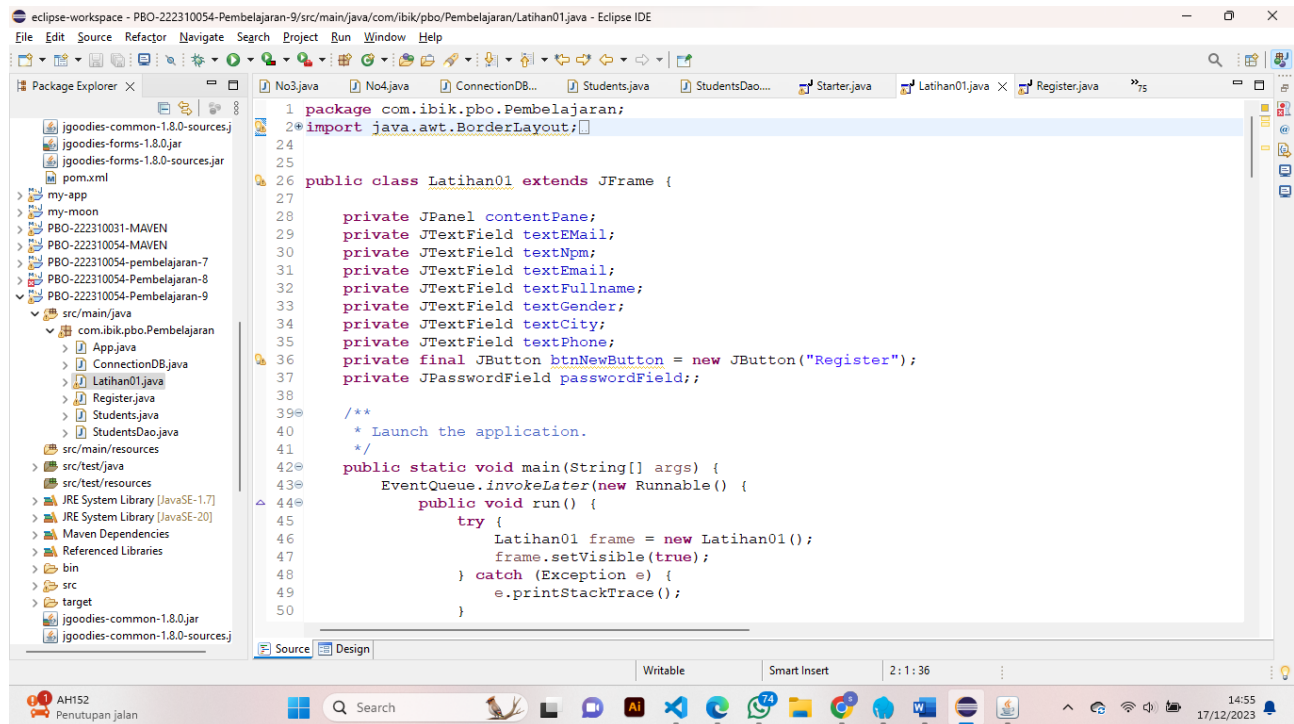
NPM: 222310054

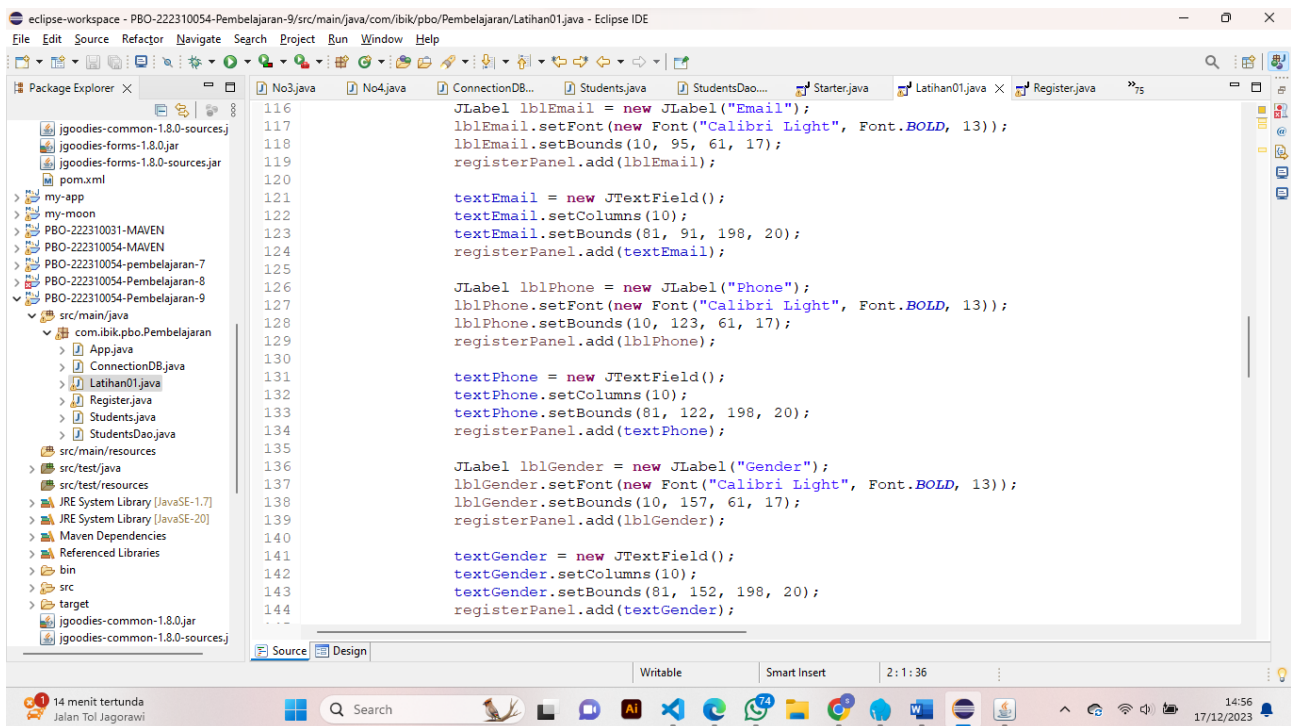
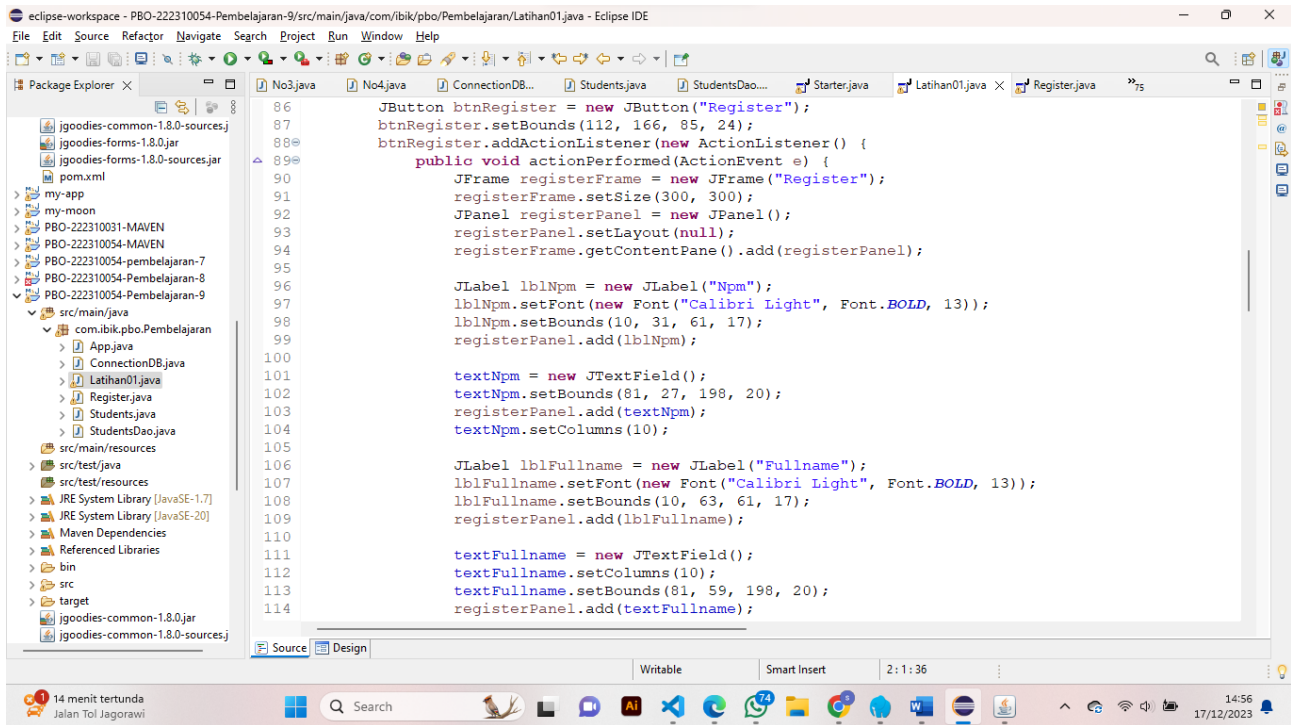
Kelas: TI-22-PB

```
C:\Windows\System32\cmd.e X + v
Microsoft Windows [Version 10.0.22621.2715]
(c) Microsoft Corporation. All rights reserved.

C:\>mvn -B archetype:generate -DgroupId=com.ibik.pbo.Pembelajaran -DartifactId=PBO-222310054-Pembelajaran-9 -DarchetypeArtifactId=maven-archetype-qu
ickstart -DarchetypeVersion=1.4
[INFO] Scanning for projects...
[INFO]
[INFO] -----< org.apache.maven:standalone-pom >-----
[INFO] Building Maven Stub Project (No POM) 1
[INFO] -----[ pom ]-----
[INFO]
[INFO] >>> archetype:3.2.1:generate (default-cli) > generate-sources @ standalone-pom >>>
[INFO]
[INFO] <<< archetype:3.2.1:generate (default-cli) < generate-sources @ standalone-pom <<<
[INFO]
[INFO] --- archetype:3.2.1:generate (default-cli) @ standalone-pom ---
[INFO] Generating project in Batch mode
[INFO]
[INFO] Using following parameters for creating project from Archetype: maven-archetype-quickstart:1.4
[INFO]
[INFO] Parameter: groupId, Value: com.ibik.pbo.Pembelajaran
[INFO] Parameter: artifactId, Value: PBO-222310054-Pembelajaran-9
[INFO] Parameter: version, Value: 1.0-SNAPSHOT
[INFO] Parameter: package, Value: com.ibik.pbo.Pembelajaran
[INFO] Parameter: packageInPathFormat, Value: com/ibik/pbo/Pembelajaran
[INFO] Parameter: package, Value: com.ibik.pbo.Pembelajaran
[INFO] Parameter: groupId, Value: com.ibik.pbo.Pembelajaran
[INFO] Parameter: artifactId, Value: PBO-222310054-Pembelajaran-9
[INFO] Parameter: version, Value: 1.0-SNAPSHOT
[INFO] Project created from Archetype in dir: C:\PBO-222310054-Pembelajaran-9
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 01:32 min
```

## Latihan 01





eclipse-workspace - PBO-222310054-Pembelajaran-9/src/main/java/com/ibik/pbo/Pembelajaran/Latihan01.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- igoodies-common-1.8.0-sources.jar
- igoodies-forms-1.8.0.jar
- igoodies-forms-1.8.0-sources.jar
- pom.xml
- my-app
- my-moon
- PBO-222310031-MAVEN
- PBO-222310054-MAVEN
- PBO-222310054-pembelajaran-7
- PBO-222310054-Pembelajaran-8
- PBO-222310054-Pembelajaran-9
  - src/main/java
    - com.ibik.pbo.Pembelajaran
      - App.java
      - ConnectionDB.java
      - Latihan01.java
      - Register.java
      - Students.java
      - StudentsDao.java
    - src/main/resources
    - src/test/java
    - src/test/resources
    - JRE System Library [JavaSE-1.7]
    - JRE System Library [JavaSE-20]
    - Maven Dependencies
    - Referenced Libraries
    - bin
    - src
    - target
    - igoodies-common-1.8.0.jar
    - igoodies-common-1.8.0-sources.jar

No3.java No4.java ConnectionDB... Students.java StudentsDao... Starter.java Latihan01.java Register.java

```
146 JLabel lblCity = new JLabel("Citizenship");
147 lblCity.setFont(new Font("Calibri Light", Font.BOLD, 13));
148 lblCity.setBounds(10, 185, 74, 17);
149 registerPanel.add(lblCity);
150
151
152 textCity = new JTextField();
153 textCity.setColumns(10);
154 textCity.setBounds(81, 180, 198, 20);
155 registerPanel.add(textCity);
156
157
158 JButton btnSubmit = new JButton("Submit");
159 btnSubmit.setFont(new Font("Calibri Light", Font.BOLD, 12));
160 btnSubmit.setBounds(133, 209, 89, 23);
161 btnSubmit.addActionListener(new ActionListener() {
162     @Override
163     public void actionPerformed(ActionEvent e) {
164         ValidatorForm();
165         dispose(); // Menutup frame registrasi
166         setVisible(true);
167     }
168 });
169 registerPanel.add(btnSubmit);
170 registerFrame.setVisible(true);
171
172
173 contentPane.add(btnRegister);
174
175
176 JRadioButton rdbtnRememberPassword = new JRadioButton("Remember Password");
177 rdbtnRememberPassword.setBounds(112, 135, 162, 23);
```

Source Design

Writable Smart Insert 2:1:36

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eclipse-workspace - PBO-222310054-Pembelajaran-9/src/main/java/com/ibik/pbo/Pembelajaran/Latihan01.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- igoodies-common-1.8.0-sources.jar
- igoodies-forms-1.8.0.jar
- igoodies-forms-1.8.0-sources.jar
- pom.xml
- my-app
- my-moon
- PBO-222310031-MAVEN
- PBO-222310054-MAVEN
- PBO-222310054-pembelajaran-7
- PBO-222310054-Pembelajaran-8
- PBO-222310054-Pembelajaran-9
  - src/main/java
    - com.ibik.pbo.Pembelajaran
      - App.java
      - ConnectionDB.java
      - Latihan01.java
      - Register.java
      - Students.java
      - StudentsDao.java
    - src/main/resources
    - src/test/java
    - src/test/resources
    - JRE System Library [JavaSE-1.7]
    - JRE System Library [JavaSE-20]
    - Maven Dependencies
    - Referenced Libraries
    - bin
    - src
    - target
    - igoodies-common-1.8.0.jar
    - igoodies-common-1.8.0-sources.jar

No3.java No4.java ConnectionDB... Students.java StudentsDao... Starter.java Latihan01.java Register.java

```
173 JRadioButton rdbtnRememberPassword = new JRadioButton("Remember Password");
174 rdbtnRememberPassword.setBounds(112, 135, 162, 23);
175 contentPane.add(rdbtnRememberPassword);
176
177
178 JButton btnLogin = new JButton("Login");
179 btnLogin.setBounds(207, 166, 85, 24);
180 btnLogin.addActionListener(new ActionListener() {
181     @Override
182     public void actionPerformed(ActionEvent e) {
183         String enteredEmail = textEmail.getText();
184         char[] enteredPasswordChars = passwordField.getPassword();
185         String enteredPassword = new String(enteredPasswordChars);
186
187         try {
188             if (isValidLogin(enteredEmail, enteredPassword)) {
189                 JOptionPane.showMessageDialog(null, "Login successful!");
190                 dispose(); // Menutup frame login
191             } else {
192                 JOptionPane.showMessageDialog(null, "Invalid username or password");
193             }
194         } catch (Exception ex) {
195             JOptionPane.showMessageDialog(null, "Error during login: " + ex.getMessage());
196             ex.printStackTrace();
197         }
198     }
199 });
200 contentPane.add(btnLogin);
201
```

Source Design

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eclipse-workspace - PBO-222310054-Pembelajaran-9/src/main/java/com/ibik/pbo/Pembelajaran/Latihan01.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X
  jgoodies-common-1.8.0-sources.jar
  jgoodies-forms-1.8.0.jar
  jgoodies-forms-1.8.0-sources.jar
  pom.xml
  my-app
  my-moon
  PBO-222310031-MAVEN
  PBO-222310054-MAVEN
  PBO-222310054-pembelajaran-7
  PBO-222310054-Pembelajaran-8
  PBO-222310054-Pembelajaran-9
    src/main/java
      com.ibik.pbo.Pembelajaran
        App.java
        ConnectionDB.java
        Latihan01.java
        Register.java
        Students.java
        StudentsDao.java
      src/main/resources
      src/test/java
      src/test/resources
  JRE System Library [JavaSE-1.7]
  JRE System Library [JavaSE-20]
  Maven Dependencies
  Referenced Libraries
  bin
  src
  target
  jgoodies-common-1.8.0.jar
  jgoodies-common-1.8.0-sources.jar

No3.java No4.java ConnectionDB... Students.java StudentsDao... Starter.java Latihan01.java X Register.java 75

202 JLabel lblIbik = new JLabel("Copyright IBIK @2023");
203 lblIbik.setFont(new Font("Tahoma", Font.BOLD, 11));
204 lblIbik.setLabelFor(contentPane);
205 lblIbik.setHorizontalAlignment(SwingConstants.CENTER);
206 lblIbik.setBounds(126, 373, 148, 14);
207 contentPane.add(lblIbik);
208
209
210
211
212
213 private boolean isValidLogin(String enteredEmail, String enteredPassword) throws Exception {
214     // Retrieve user data from the database based on the entered email
215     StudentsDao stdDao = new StudentsDao();
216     Students students = stdDao.getByEmail(enteredEmail);
217
218     // Check if the user exists and the entered password matches the stored NPM
219     return students != null && enteredPassword.equals(students.getNpm());
220 }
221
222
223 private void ValidatorForm() {
224     if (textNpm.getText().isEmpty() || textFullname.getText().isEmpty() || textEmail.getText().isEmpty()) {
225         Object message = "Please fill up the form correctly";
226         JOptionPane.showMessageDialog(null, message);
227     } else {
228         try {
229             Insert2database();
230             JOptionPane.showMessageDialog(null, "Successfully saved");
231         } catch (Exception e) {
232             JOptionPane.showMessageDialog(null, "Failed save. Error: " + e.getMessage());
233             e.printStackTrace();
234         }
235     }
236 }
237
238 private void Insert2database() throws Exception {
239     Students students = new Students();
240     students.setNpm(textNpm.getText());
241     students.setFullname(textFullname.getText());
242     students.setEmail(textEmail.getText());
243     students.setPhone(textPhone.getText());
244     students.setGender(textGender.getText());
245     students.setCitizenship(textCity.getText());
246
247     StudentsDao stdDao = new StudentsDao();
248     stdDao.saved(students);
249
250     StudentsDao updt = new StudentsDao();
251     updt.updated(students);
252 }
253
254 }
```

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eclipse-workspace - PBO-222310054-Pembelajaran-9/src/main/java/com/ibik/pbo/Pembelajaran/Latihan01.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X
  jgoodies-common-1.8.0-sources.jar
  jgoodies-forms-1.8.0.jar
  jgoodies-forms-1.8.0-sources.jar
  pom.xml
  my-app
  my-moon
  PBO-222310031-MAVEN
  PBO-222310054-MAVEN
  PBO-222310054-pembelajaran-7
  PBO-222310054-Pembelajaran-8
  PBO-222310054-Pembelajaran-9
    src/main/java
      com.ibik.pbo.Pembelajaran
        App.java
        ConnectionDB.java
        Latihan01.java
        Register.java
        Students.java
        StudentsDao.java
      src/main/resources
      src/test/java
      src/test/resources
  JRE System Library [JavaSE-1.7]
  JRE System Library [JavaSE-20]
  Maven Dependencies
  Referenced Libraries
  bin
  src
  target
  jgoodies-common-1.8.0.jar
  jgoodies-common-1.8.0-sources.jar

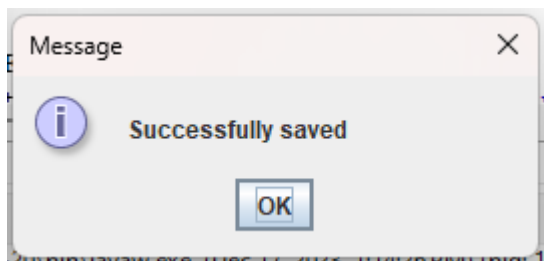
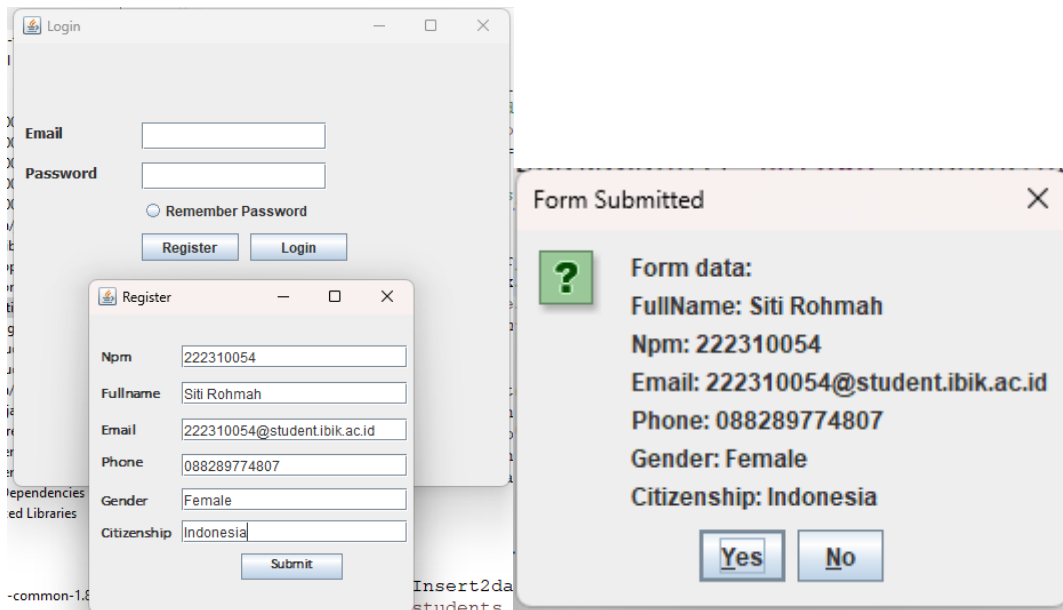
No3.java No4.java ConnectionDB... Students.java StudentsDao... Starter.java Latihan01.java X Register.java 75

226 JOptionPane.showMessageDialog(null, message);
227 } else {
228     try {
229         Insert2database();
230         JOptionPane.showMessageDialog(null, "Successfully saved");
231     } catch (Exception e) {
232         JOptionPane.showMessageDialog(null, "Failed save. Error: " + e.getMessage());
233         e.printStackTrace();
234     }
235 }
236
237
238 private void Insert2database() throws Exception {
239     Students students = new Students();
240     students.setNpm(textNpm.getText());
241     students.setFullname(textFullname.getText());
242     students.setEmail(textEmail.getText());
243     students.setPhone(textPhone.getText());
244     students.setGender(textGender.getText());
245     students.setCitizenship(textCity.getText());
246
247     StudentsDao stdDao = new StudentsDao();
248     stdDao.saved(students);
249
250     StudentsDao updt = new StudentsDao();
251     updt.updated(students);
252 }
253
254 }
```

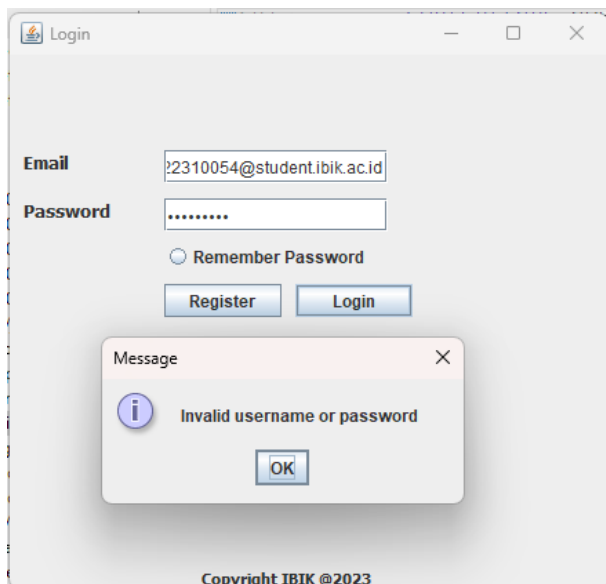
32°C  
Cerah

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17/12/2023

```
C:\PBO-222310054-Pembelajaran-9>mvn exec:java -Dexec.mainClass="com.ibik.pbo.Pembelajaran.Latihan01"
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.ibik.pbo.Pembelajaran:PBO-222310054-Pembelajaran-9 >-----
[INFO] Building PBO-222310054-Pembelajaran-9 1.0-SNAPSHOT
[INFO] from pom.xml
[INFO] -----[ jar ]-----
[WARNING] The artifact mysql:mysql-connector-java:jar:8.0.31 has been relocated to com.mysql:mysql-connector-j:jar:8.0.3
1: MySQL Connector/J artifacts moved to reverse-DNS compliant Maven 2+ coordinates.
[INFO] --- exec:3.1.0:java (default-cli) @ PBO-222310054-Pembelajaran-9 ---
```



		id	npm	fullname	email	phone	gender	citizenship
<input type="checkbox"/>	Edit  Copy  Delete	1	222310054	Siti Rohmah	222310054@student.ibik.ac.id	088289774807	Female	Indonesia

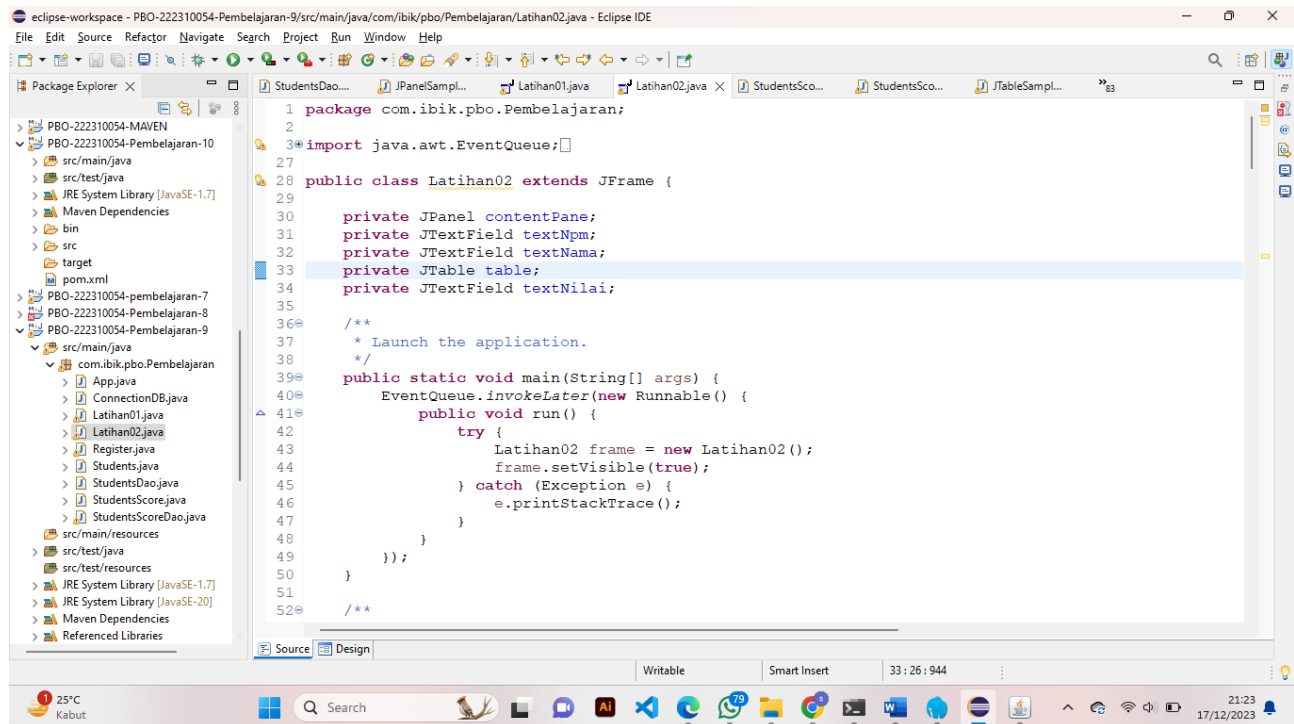


nyerah saya kang padahal udah sesuai sama yg di database huhu.

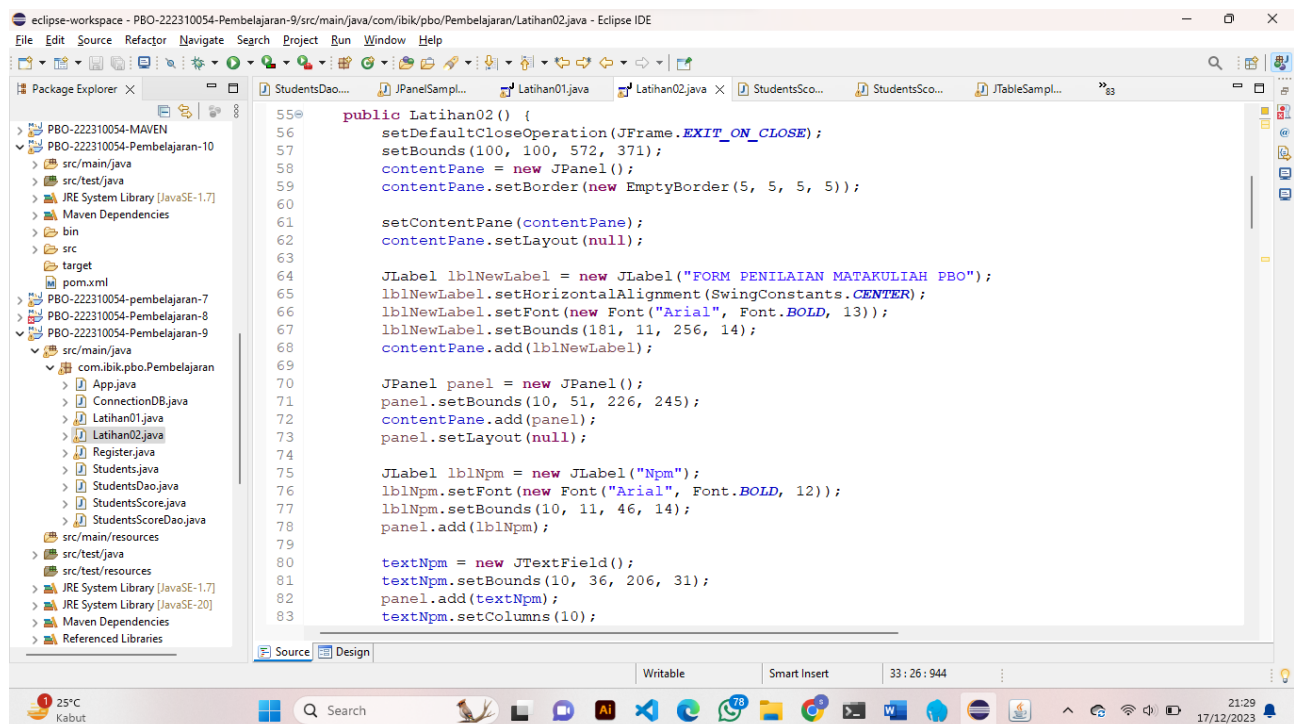


## Latihan02

Mohon maaf kang pengetahuan saya hanya sampai save data saja kl delete atau clear belum bisa.



```
1 package com.ibik.pbo.Pembelajaran;
2
3 import java.awt.EventQueue;
4
5 public class Latihan02 extends JFrame {
6
7     private JPanel contentPane;
8     private JTextField textNpm;
9     private JTextField textNama;
10    private.JTable table;
11    private JTextField textNilai;
12
13    /**
14     * Launch the application.
15     */
16    public static void main(String[] args) {
17        EventQueue.invokeLater(new Runnable() {
18            public void run() {
19                try {
20                    Latihan02 frame = new Latihan02();
21                    frame.setVisible(true);
22                } catch (Exception e) {
23                    e.printStackTrace();
24                }
25            }
26        });
27    }
28
29    /**
30     *
31     */
32}
```



```
55 public Latihan02() {
56     setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
57     setBounds(100, 100, 572, 371);
58     contentPane = new JPanel();
59     contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
60
61     setContentPane(contentPane);
62     contentPane.setLayout(null);
63
64     JLabel lblNewLabel = new JLabel("FORM PENILAIAN MATAKULIAH PBO");
65     lblNewLabel.setHorizontalAlignment(SwingConstants.CENTER);
66     lblNewLabel.setFont(new Font("Arial", Font.BOLD, 13));
67     lblNewLabel.setBounds(181, 11, 256, 14);
68     contentPane.add(lblNewLabel);
69
70     JPanel panel = new JPanel();
71     panel.setBounds(10, 51, 226, 245);
72     contentPane.add(panel);
73     panel.setLayout(null);
74
75     JLabel lblNpm = new JLabel("Npm");
76     lblNpm.setFont(new Font("Arial", Font.BOLD, 12));
77     lblNpm.setBounds(10, 11, 46, 14);
78     panel.add(lblNpm);
79
80     JTextField textNpm = new JTextField();
81     textNpm.setBounds(10, 36, 206, 31);
82     panel.add(textNpm);
83     textNpm.setColumns(10);
84 }
```

eclipse-workspace - PBO-222310054-Pembelajaran-9/src/main/java/com/ibik/pbo/Pembelajaran/Latihan02.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X

StudentsDao... JPanelSampl... Latihan01.java Latihan02.java StudentsSco... StudentsSco... JTableSampl... »33

```
84
85
86 JLabel lblNama = new JLabel("Nama");
87 lblNama.setFont(new Font("Arial", Font.BOLD, 12));
88 lblNama.setBounds(10, 80, 46, 14);
89 panel.add(lblNama);
90
91 textNama = new JTextField();
92 textNama.setColumns(10);
93 textNama.setBounds(10, 105, 206, 31);
94 panel.add(textNama);
95
96 JLabel lblNilai = new JLabel("Nilai");
97 lblNilai.setFont(new Font("Arial", Font.BOLD, 12));
98 lblNilai.setBounds(10, 147, 46, 14);
99 panel.add(lblNilai);
100
101 ButtonGroup nilaiButtonGroup = new ButtonGroup();
102
103 JButton btnSave = new JButton("Save");
104 btnSave.setBounds(10, 211, 72, 23);
105 btnSave.addActionListener(new ActionListener() {
106     @Override
107     public void actionPerformed(ActionEvent e) {
108         ValidatorForm();
109     }
110 });
111 panel.add(btnSave);
112
113 JButton btnDelete = new JButton("Delete");
```

Source Design

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eclipse-workspace - PBO-222310054-Pembelajaran-9/src/main/java/com/ibik/pbo/Pembelajaran/Latihan02.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X

StudentsDao... JPanelSampl... Latihan01.java Latihan02.java StudentsSco... StudentsSco... JTableSampl... »33

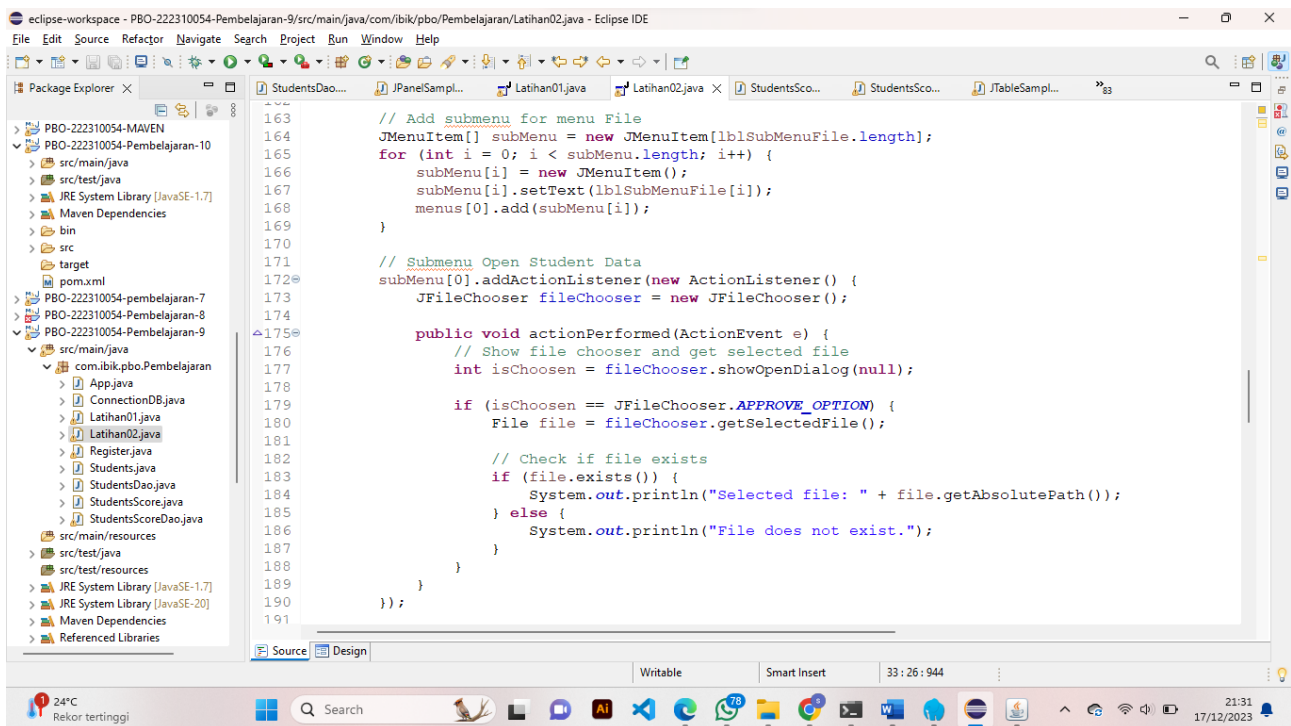
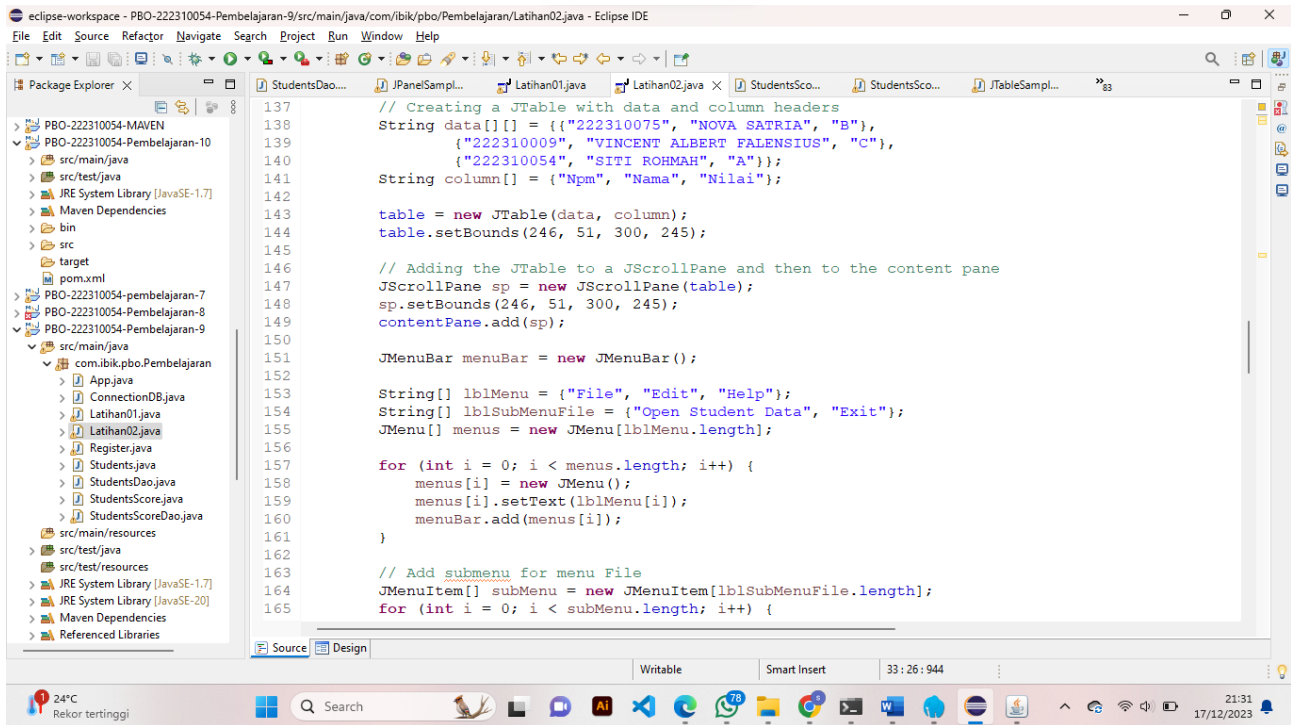
```
111
112
113 JButton btnDelete = new JButton("Delete");
114 btnDelete.setBounds(81, 211, 72, 23);
115 btnDelete.addActionListener(new ActionListener() {
116     @Override
117     public void actionPerformed(ActionEvent e) {
118         deleteRecord();
119     }
120 });
121 panel.add(btnDelete);
122
123 JButton btnClear = new JButton("Clear");
124 btnClear.setBounds(151, 211, 72, 23);
125 btnClear.addActionListener(new ActionListener() {
126     @Override
127     public void actionPerformed(ActionEvent e) {
128         clearDatabase();
129     }
130 });
131 panel.add(btnClear);
132
133 textNilai = new JTextField();
134 textNilai.setColumns(10);
135 textNilai.setBounds(10, 172, 206, 31);
136 panel.add(textNilai);
137
138 // Creating a JTable with data and column headers
139 String data[][] = {{("222310075", "NOVA SATRIA", "B"),
140                    {"222310009", "VINCENT ALBERT FALENSIUS", "C"},
141                    {"222310054", "RIZKY NIRMALA", "A"}
142                };
143
```

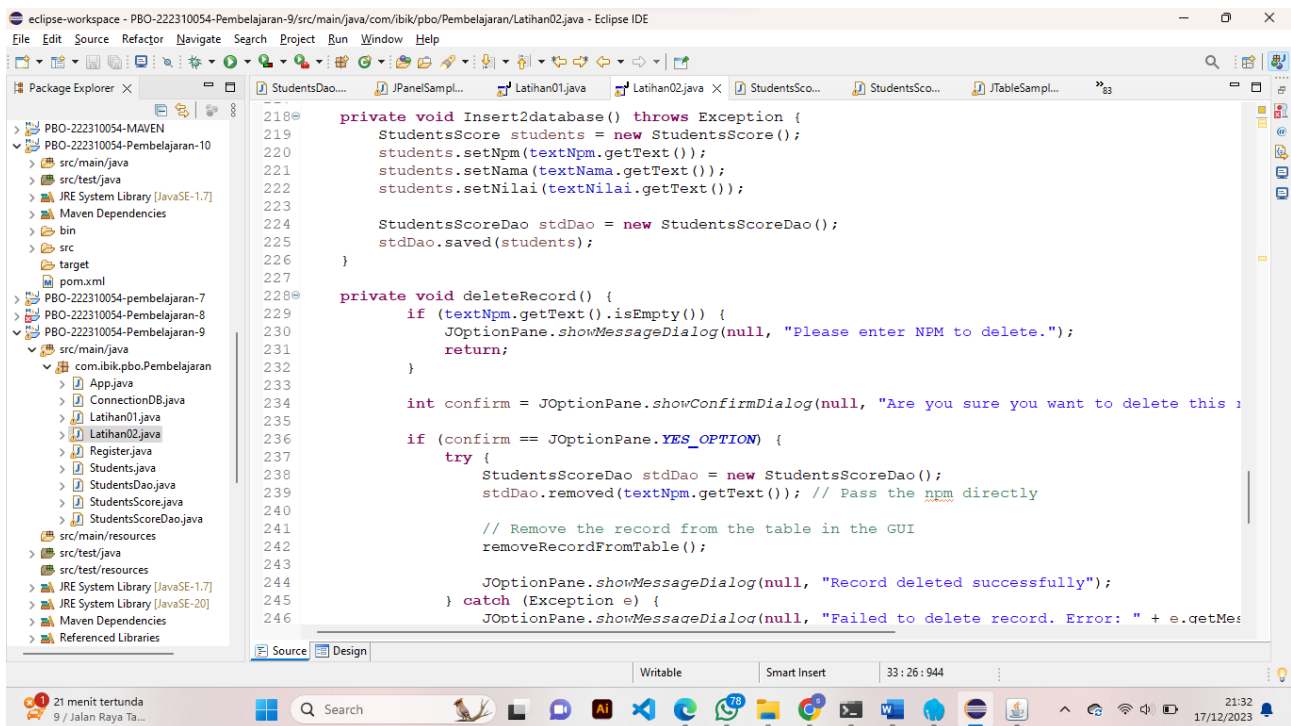
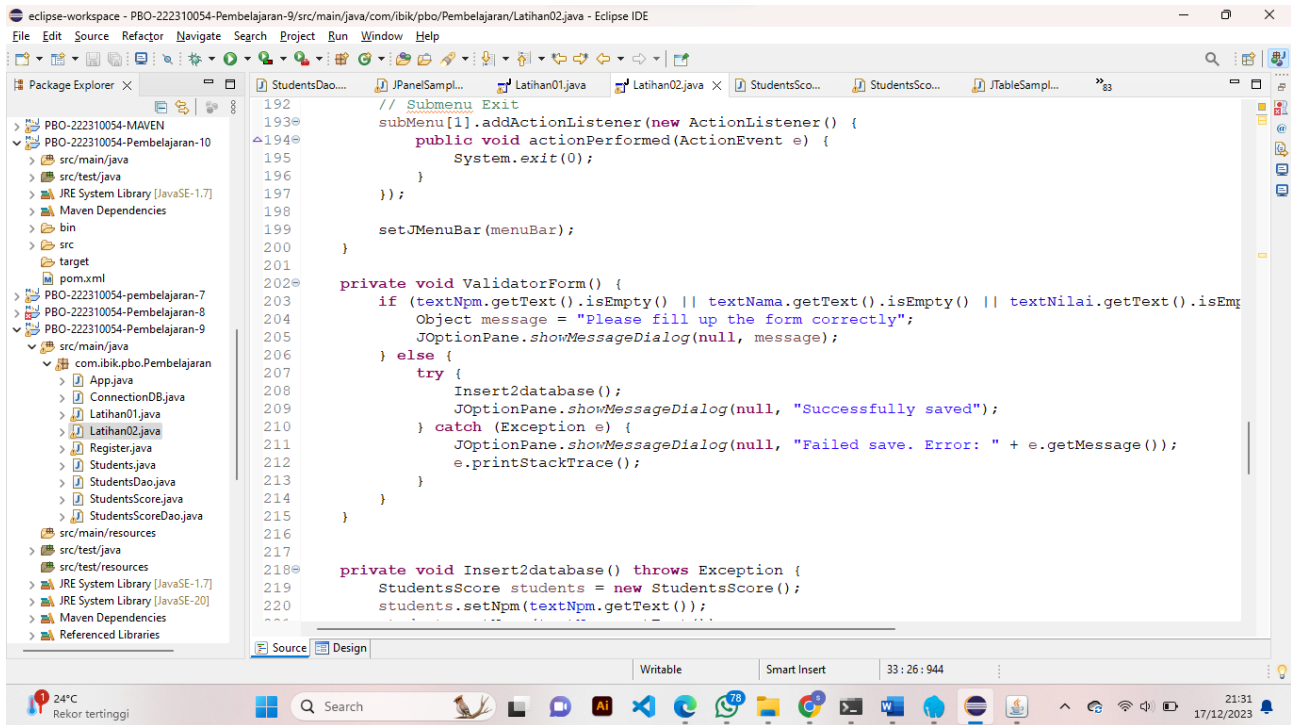
Source Design

Writable Smart Insert 33 : 26 : 944

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eclipse-workspace - PBO-222310054-Pembelajaran-9/src/main/java/com/ibik/pbo/Pembelajaran/Latihan02.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X

- PBO-222310054-MAVEN
- PBO-222310054-Pembelajaran-10
  - src/main/java
  - src/test/java
  - JRE System Library [JavaSE-1.7]
  - Maven Dependencies
  - bin
  - src
  - target
  - pom.xml
- PBO-222310054-pembelajaran-7
- PBO-222310054-Pembelajaran-8
- PBO-222310054-Pembelajaran-9
  - src/main/java
    - com.ibik.pbo.Pembelajaran
      - App.java
      - ConnectionDB.java
      - Latihan01.java
      - Latihan02.java
      - Register.java
      - Students.java
      - StudentsDao.java
      - StudentsScore.java
      - StudentsScoreDao.java
    - src/main/resources
    - src/test/java
    - src/test/resources
    - JRE System Library [JavaSE-1.7]
    - JRE System Library [JavaSE-20]
    - Maven Dependencies
    - Referenced Libraries

StudentsDao... JPanelSampl... Latihan01.java Latihan02.java X StudentsSco... StudentsSco... JTableSampl... 83

```
244 JOptionPane.showMessageDialog(null, "Record deleted successfully");
245 } catch (Exception e) {
246     JOptionPane.showMessageDialog(null, "Failed to delete record. Error: " + e.getMes
247         e.printStackTrace();
248     }
249 }
250 }
251
252 private void removeRecordFromTable() {
253     DefaultTableModel model = (DefaultTableModel) table.getModel();
254     int rowCount = model.getRowCount();
255
256     for (int i = 0; i < rowCount; i++) {
257         String npmInTable = (String) model.getValueAt(i, 0);
258
259         if (npmInTable.equals(textNpm.getText())) {
260             model.removeRow(i);
261             return; // Assuming NPM is unique, exit once found
262         }
263     }
264 }
265
266 private void clearDatabase() {
267     int confirm = JOptionPane.showConfirmDialog(null, "Are you sure you want to clear all rec
268
269     if (confirm == JOptionPane.YES_OPTION) {
270         try {
271             StudentsScoreDao stdDao = new StudentsScoreDao();
272             stdDao.removeAllByNpm(textNpm.getText()); // Assuming clear() method is implement
```

Source Design

Writable Smart Insert 33:26:944

21 menit tertunda 9 / Jalan Raya Ta...

21:32 17/12/2023

eclipse-workspace - PBO-222310054-Pembelajaran-9/src/main/java/com/ibik/pbo/Pembelajaran/Latihan02.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X

- PBO-222310054-MAVEN
- PBO-222310054-Pembelajaran-10
  - src/main/java
  - src/test/java
  - JRE System Library [JavaSE-1.7]
  - Maven Dependencies
  - bin
  - src
  - target
  - pom.xml
- PBO-222310054-pembelajaran-7
- PBO-222310054-Pembelajaran-8
- PBO-222310054-Pembelajaran-9
  - src/main/java
    - com.ibik.pbo.Pembelajaran
      - App.java
      - ConnectionDB.java
      - Latihan01.java
      - Latihan02.java
      - Register.java
      - Students.java
      - StudentsDao.java
      - StudentsScore.java
      - StudentsScoreDao.java
    - src/main/resources
    - src/test/java
    - src/test/resources
    - JRE System Library [JavaSE-1.7]
    - JRE System Library [JavaSE-20]
    - Maven Dependencies
    - Referenced Libraries

StudentsDao... JPanelSampl... Latihan01.java Latihan02.java X StudentsSco... StudentsSco... JTableSampl... 83

```
264 }
265
266 private void clearDatabase() {
267     int confirm = JOptionPane.showConfirmDialog(null, "Are you sure you want to clear all rec
268
269     if (confirm == JOptionPane.YES_OPTION) {
270         try {
271             StudentsScoreDao stdDao = new StudentsScoreDao();
272             stdDao.removeAllByNpm(textNpm.getText()); // Assuming clear() method is implement
273
274             // Clear the table in the GUI
275             clearTable();
276
277             JOptionPane.showMessageDialog(null, "All records cleared successfully");
278         } catch (Exception e) {
279             JOptionPane.showMessageDialog(null, "Failed to clear records. Error: " + e.getMes
280                 e.printStackTrace();
281         }
282     }
283
284 private void clearTable() {
285     DefaultTableModel model = (DefaultTableModel) table.getModel();
286     model.setRowCount(0); // Clear all rows
287 }
288
289 }
290
291 }
292 }
```

Source Design

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21 menit tertunda 9 / Jalan Raya Ta...

21:32 17/12/2023

```
C:\PBO-222310054-Pembelajaran-9>mvn exec:java -Dexec.mainClass="com.ibik.pbo.Pembelajaran.Latihan02"
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.ibik.pbo.Pembelajaran:PBO-222310054-Pembelajaran-9 >-----
[INFO] Building PBO-222310054-Pembelajaran-9 1.0-SNAPSHOT
[INFO] from pom.xml
[INFO] -----[ jar ]-----
[WARNING] The artifact mysql:mysql-connector-java:jar:8.0.31 has been relocated to com.mysql:mysql-connector-j:jar:8.0.31: MySQL Connector/J artifac
ts moved to reverse-DNS compliant Maven 2+ coordinates.
[INFO]
[INFO] --- exec:3.1.0:java (default-cli) @ PBO-222310054-Pembelajaran-9 ---
```

File Edit Help

### FORM PENILAIAN MATAKULIAH PBO

**Npm**

**Nama**

**Nilai**

Npm	Nama	Nilai
222310075	NOVA SATRIA	B
222310009	VINCENT ALBE...	C
222310054	SITI ROHMAH	A

Message

**Successfully saved**

File Edit Help

### FORM PENILAIAN MATAKULIAH PBO

**Npm**

**Nama**

**Nilai**

Npm	Nama	Nilai
222310075	NOVA SATRIA	B
222310009	VINCENT ALBE...	C
222310054	SITI ROHMAH	A

Message

**Successfully saved**

File Edit Help

### FORM PENILAIAN MATAKULIAH PBO

**Npm**

**Nama**

**Nilai**

Save Delete Clear

Npm	Nama	Nilai
222310075	NOVA SATRIA	B
222310009	VINCENT ALBE...	C
222310054	SITI ROHMAH	A

Message

Successfully saved

OK

npm	nama	nilai
222310075	NOVA SATRIA	B
222310009	VINCENT ALBERT F	C
2223100054	SITI ROHMAH	A

File Edit Help

### FORM PENILAIAN MATAKULIAH PBO

**Npm**

**Nama**

**Nilai**

Save Delete Clear

Npm	Nama	Nilai
222310075	NOVA SATRIA	B
222310009	VINCENT ALBE...	C
222310054	SITI ROHMAH	A

Confirm Deletion

Are you sure you want to delete this record?

Yes No

File Edit Help

FORM PENILAIAN MATAKULIAH PBO

Npm

222310054

Nama

Nilai

Save

Delete

Clear

Npm	Nama	Nilai
222310075	NOVA SATRIA	B
222310009	VINCENT ALBE...	C
222310054	SITI ROHMAH	A

Confirm Clear

?

Are you sure you want to clear all records?

Yes

No