

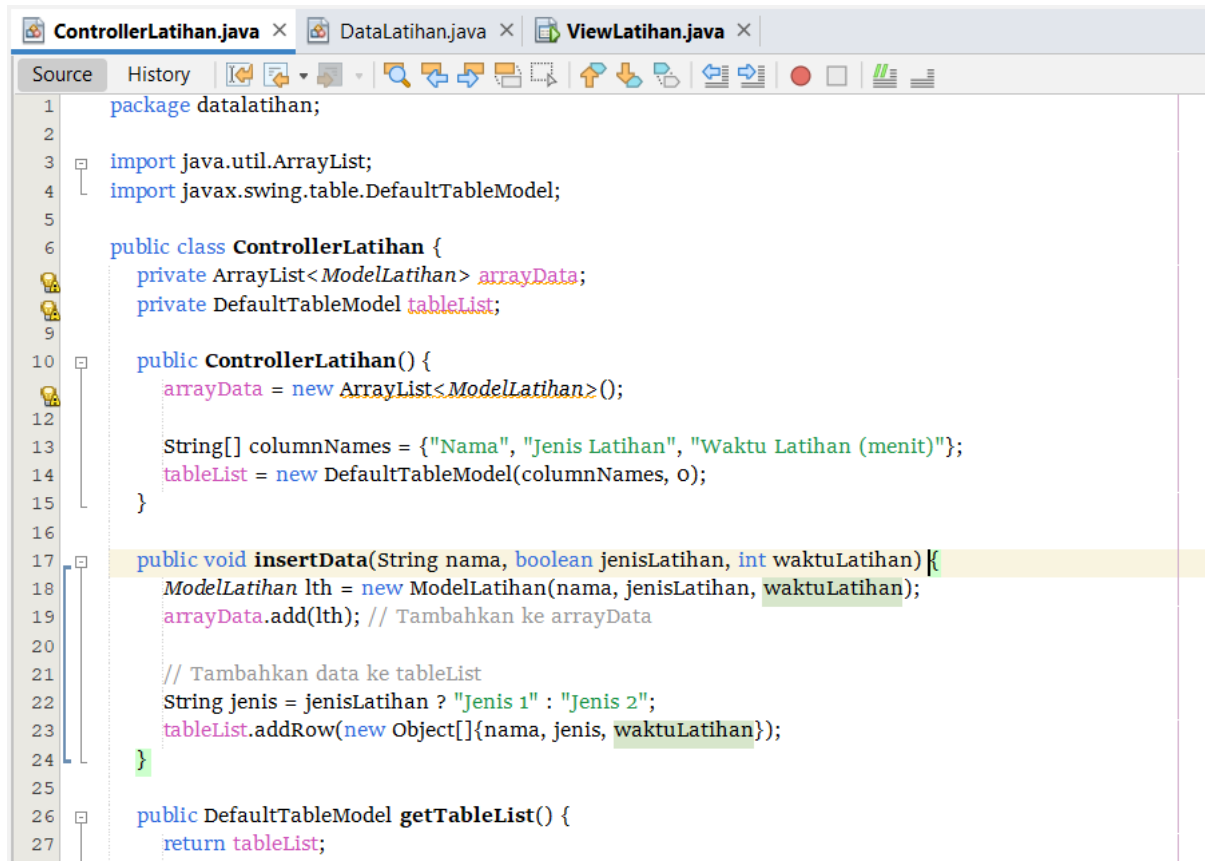
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Praktikum : Rekayasa Perangkat Lunak 2

Listing



```
1 package datalatihan;
2
3 import java.util.ArrayList;
4 import javax.swing.table.DefaultTableModel;
5
6 public class ControllerLatihan {
7     private ArrayList<ModelLatihan> arrayData;
8     private DefaultTableModel tableList;
9
10    public ControllerLatihan() {
11        arrayData = new ArrayList<ModelLatihan>();
12
13        String[] columnNames = {"Nama", "Jenis Latihan", "Waktu Latihan (menit)"};
14        tableList = new DefaultTableModel(columnNames, 0);
15    }
16
17    public void insertData(String nama, boolean jenisLatihan, int waktuLatihan) {
18        ModelLatihan lth = new ModelLatihan(nama, jenisLatihan, waktuLatihan);
19        arrayData.add(lth); // Tambahkan ke arrayData
20
21        // Tambahkan data ke tableList
22        String jenis = jenisLatihan ? "Jenis 1" : "Jenis 2";
23        tableList.addRow(new Object[]{nama, jenis, waktuLatihan});
24    }
25
26    public DefaultTableModel getTableList() {
27        return tableList;
28    }
29 }
```

```
ControllerLatihan.java x DataLatihan.java x ViewLatihan.java x
Source History
1  /*
2  * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
3  * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Main.java to edit this template
4  */
5  package datalatihan;
6
7  public class DataLatihan {
8      private String Nama;
9      private boolean JenisLatihan;
10     private int WaktuLatihan;
11
12     public DataLatihan(String Nama, boolean JenisLatihan, int WaktuLatihan){
13         this.Nama = Nama;
14         this.JenisLatihan = JenisLatihan;
15         this.WaktuLatihan = WaktuLatihan;
16     }
17
18     public String getNama(){
19         return Nama;
20     }
21
22     public void setNama(String Nama){
23         this.Nama = Nama;
24     }
25
26     public boolean getJenisLatihan(){
27         return JenisLatihan;
28     }
29 }
```

```
ControllerLatihan.java x DataLatihan.java x ViewLatihan.java x
Source Design History
26  /*
27  @SuppressWarnings("unchecked")
28  Generated Code
158
159     private void SimpanActionPerformed(java.awt.event.ActionEvent evt) {
160         String nama = TFNama.getText();
161         boolean isPenurunBeratBadan = false;
162         if (JenisLatihan.getSelectedItem().toString().equals("Penurun Berat Badan")) {
163             isPenurunBeratBadan = true;
164         }
165         int waktuLatihan = Integer.parseInt(TFWaktuLatihan.getText());
166
167         lth.InsertData(nama, isPenurunBeratBadan, waktuLatihan);
168         tableList.setViewportView(lth.showData());
169     }
170
171     private void TFWaktuLatihanActionPerformed(java.awt.event.ActionEvent evt) {
172         // TODO add your handling code here:
173     }
174
175     private void JenisLatihanActionPerformed(java.awt.event.ActionEvent evt) {
176         // TODO add your handling code here:
177     }
178
179     private void TFNamaActionPerformed(java.awt.event.ActionEvent evt) {
180         // TODO add your handling code here:
181     }
182 }
```

OUTPUT

[illegible]