
CRUD_JAVA

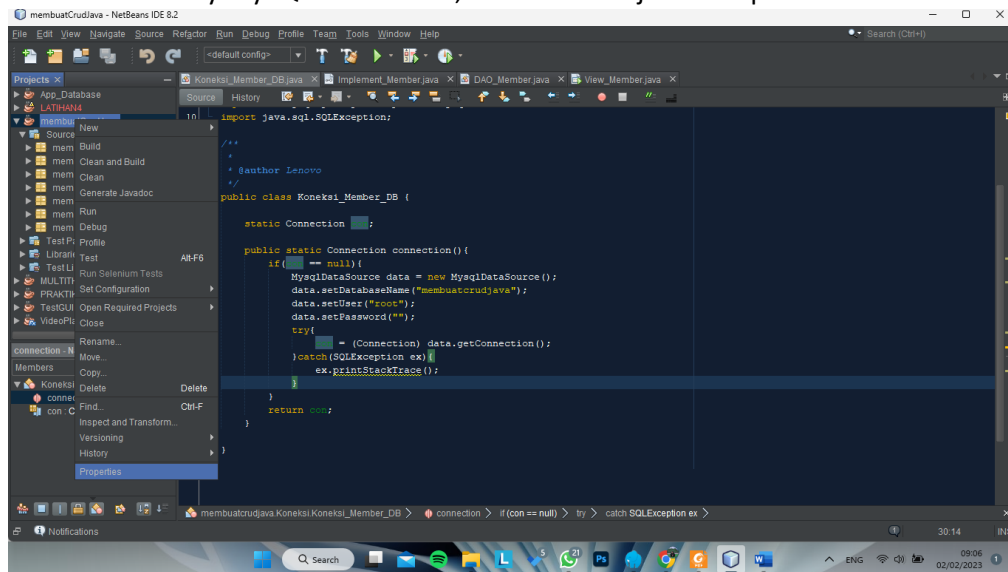
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Kelas : XII RPL B

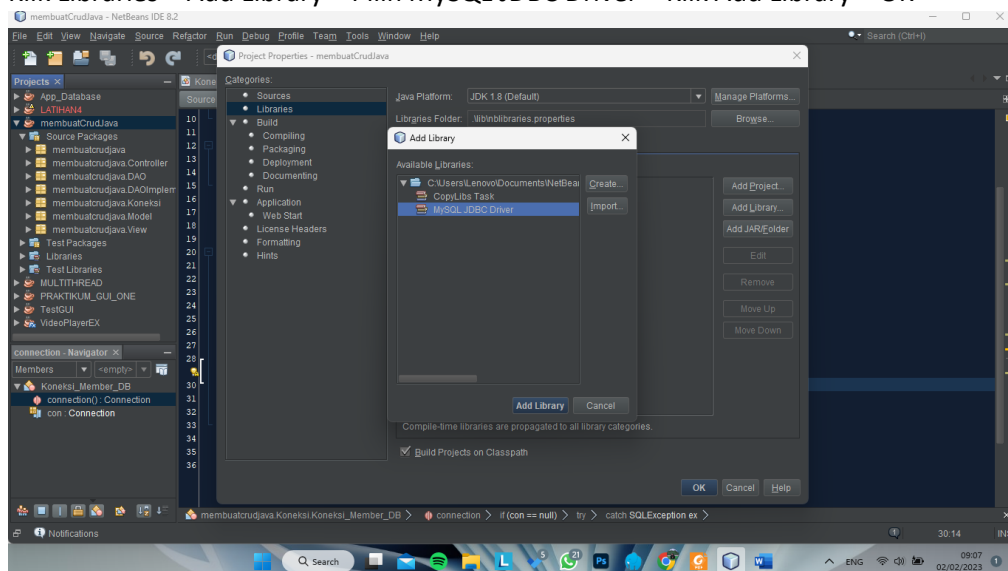
Absen : 34

A. KONEKSI DATABASE

1. Aktifkan Xampp/web server dan buka localhost phpMyAdmin
2. Masukkan Library MySQL JDBC Driver, Klik kanan Project – Properties

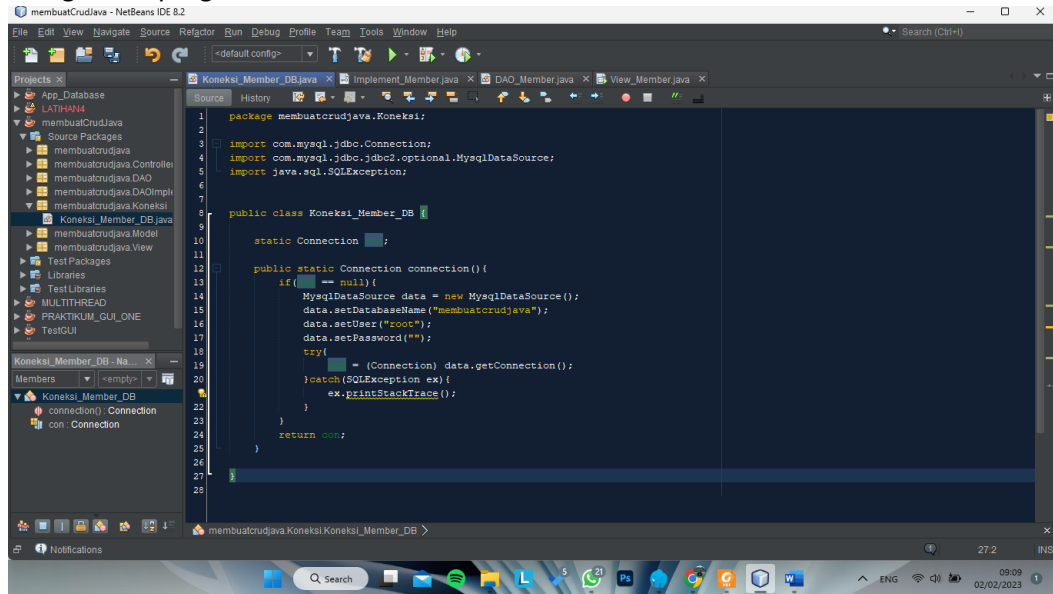


Klik Libraries – Add Library – Pilih MySQL JDBC Driver – Klik Add Library – OK



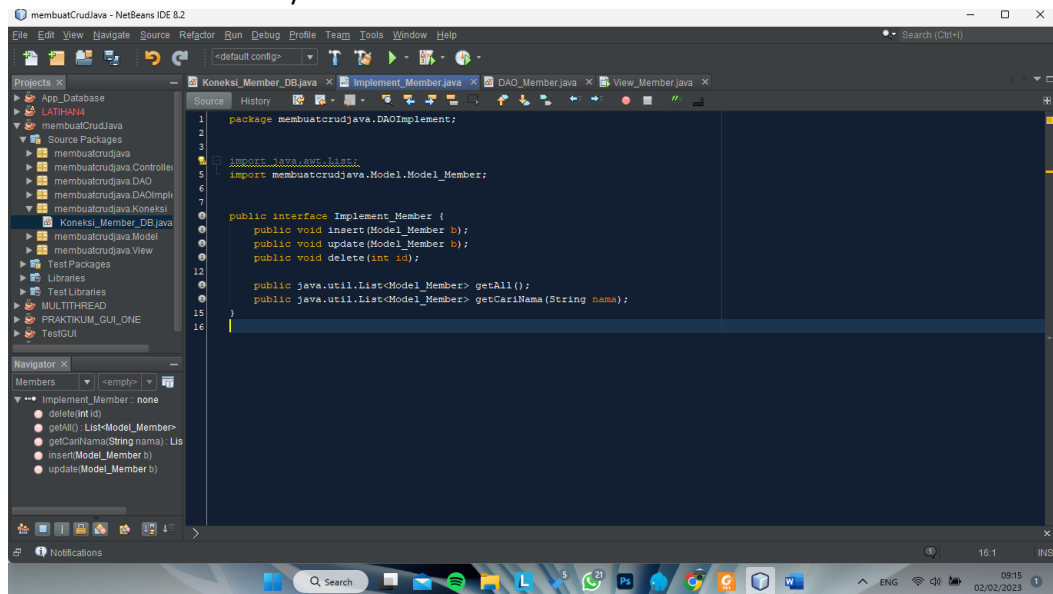
3. Masukkan Syntax pada Source Package membuatcrudmvcjava.Koneksi seperti gambar dibawah Lanjutkan selesaikan penulisan syntax seperti berikut. Kemudian run untuk

mengetahui program berhasil atau belum.



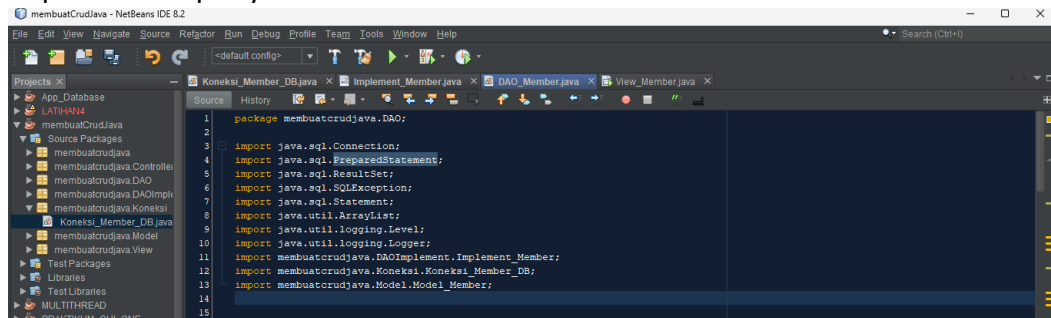
B. MENGISI SYNTAKS DAO IMPLEMENT

1. Tuliskan dan samakan syntax berikut



C. MENGISI SYNTAKS DAO

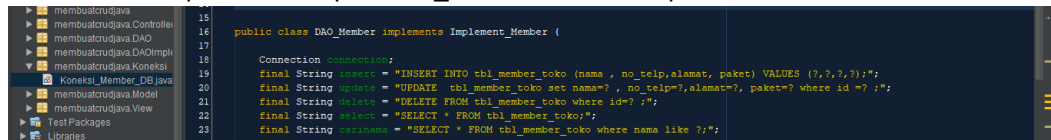
1. Import beberapa syntax berikut



```
package membuatcrudjava.DAO;

import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.ArrayList;
import java.util.logging.Level;
import java.util.logging.Logger;
import membuatcrudjava.DAOImplement.Implement_Member;
import membuatcrudjava.Koneksi.Koneksi_Member_DB;
import membuatcrudjava.Model.Model_Member;
```

2. Tambahkan Implements Implement_Member dan isi seperti berikut



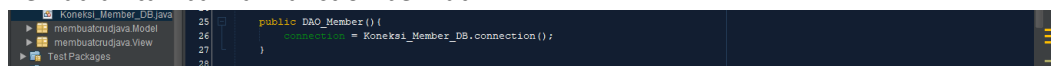
```
public class DAO_Member implements Implement_Member {

    Connection connection;

    final String insert = "INSERT INTO tbl_member_toko (nama, no_telp, alamat, paket) VALUES (?, ?, ?, ?)";
    final String update = "UPDATE tbl_member_toko set nama=?, no_telp=?, alamat=?, paket=? where id = ?";
    final String delete = "DELETE FROM tbl_member_toko where id=?";
    final String select = "SELECT * FROM tbl_member_toko where nama like ?%";

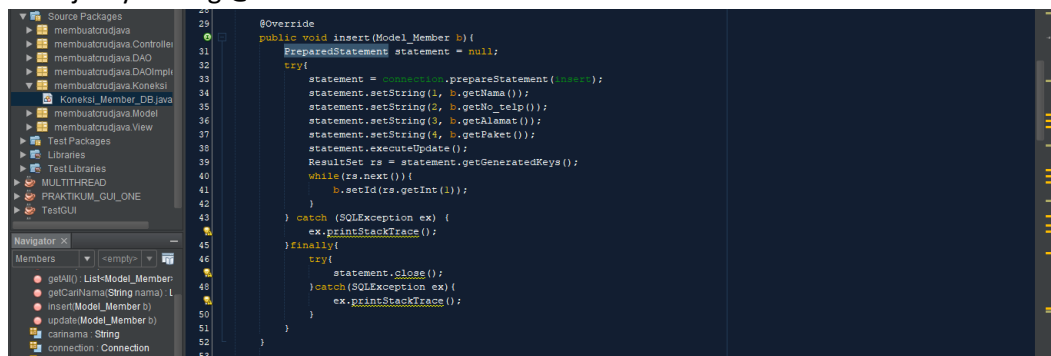
}
```

3. Kemudian tambahkan function berikut



```
public DAO_Member(){
    connection = Koneksi_Member_DB.connection();
}
```

4. Selanjutnya meng @Override insert



```
@Override
public void insert(Model_Member b){
    PreparedStatement statement = null;
    try{
        statement = connection.prepareStatement(insert);
        statement.setString(1, b.getNama());
        statement.setString(2, b.getNo_telp());
        statement.setString(3, b.getAlamat());
        statement.setString(4, b.getPaket());
        statement.executeUpdate();
        ResultSet rs = statement.getGeneratedKeys();
        while(rs.next()){
            b.setId(rs.getInt(1));
        }
    } catch (SQLException ex) {
        ex.printStackTrace();
    } finally{
        try{
            statement.close();
        } catch (SQLException ex) {
            ex.printStackTrace();
        }
    }
}
```

5. Selanjutnya meng @Override update



```
@Override
public void update(Model_Member b){
    PreparedStatement statement = null;
    try{
        statement = connection.prepareStatement(update);
        statement.setString(1, b.getNama());
        statement.setString(2, b.getNo_telp());
        statement.setString(3, b.getAlamat());
        statement.setString(4, b.getPaket());
        statement.setInt(5, b.getId());
        statement.executeUpdate();
    } catch (SQLException ex) {
        ex.printStackTrace();
    } finally{
        try{
            statement.close();
        } catch (SQLException ex) {
            ex.printStackTrace();
        }
    }
}
```

6. Selanjutnya meng @Override delete



```
@Override
public void delete(int id){
    PreparedStatement statement = null;
    try{
        statement = connection.prepareStatement(delete);
        statement.setInt(1, id);
        statement.executeUpdate();
    } catch (SQLException ex) {
        ex.printStackTrace();
    } finally{
        try{
            statement.close();
        } catch (SQLException ex) {
            ex.printStackTrace();
        }
    }
}
```

7. Selanjutnya meng @Override getAll

```
95 @Override
96 public java.util.List<Model_Member> getAll() {
97     java.util.List<Model_Member> lb = null;
98     try {
99         lb = new ArrayList<Model_Member>();
100         Statement st = koneksi.getConnection().createStatement();
101         ResultSet rs = st.executeQuery(\"select * from member\");
102         while (rs.next()) {
103             Model_Member b = new Model_Member();
104             b.setId(rs.getInt(\"id\"));
105             b.setNama(rs.getString(\"no_telpon\"));
106             b.setNama(rs.getString(\"alamat\"));
107             b.setNama(rs.getString(\"paket\"));
108             lb.add(b);
109         }
110     } catch (SQLException ex) {
111         Logger.getLogger(DAO_Member.class.getName()).log(Level.SEVERE, null, ex);
112     }
113     return lb;
114 }
```

8. Selanjutnya meng @Override getcarinama

```
117 @Override
118 public java.util.List<Model_Member> getCarinama(String nama) {
119     java.util.List<Model_Member> lb = null;
120     try {
121         lb = new ArrayList<Model_Member>();
122         PreparedStatement st = koneksi.getConnection().prepareStatement(\"select * from member where no_telpon = ?\");
123         st.setString(1, nama);
124         ResultSet rs = st.executeQuery();
125         while (rs.next()) {
126             Model_Member b = new Model_Member();
127             b.setId(rs.getInt(\"id\"));
128             b.setNama(rs.getString(\"no_telpon\"));
129             b.setNama(rs.getString(\"alamat\"));
130             b.setNama(rs.getString(\"paket\"));
131             lb.add(b);
132         }
133     } catch (SQLException ex) {
134         Logger.getLogger(DAO_Member.class.getName()).log(Level.SEVERE, null, ex);
135     }
136     return lb;
137 }
```