**PRAKTIKUM PEMOGRAMAN 2**

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**BAB I**

**Laporan Praktikum**

**Source Code**

1. Pertemuan 5

**Main.java**

*package com.p2.jdbc.latihan;*

*import java.sql.Connection;*

*import java.sql.DriverManager;*

*import java.sql.PreparedStatement;*

*import java.sql.SQLException;*

*import java.util.logging.Level;*

*import java.util.logging.Logger;*

*import java.math.BigDecimal;*

*public class Main{*

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

*try{*

*//host, port, nama database, user, pass*

*Connection conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/p2", "root", "");*

*String query = "insert into produk(nama, harga) values(?, "+new BigDecimal(23000)+")";*

PreparedStatement ps = conn.prepareStatement(query);

ps.setString(1, "lala");

ps.executeUpdate();

}

catch(SQLException se){

Logger.getLogger(Main.class.getName()).log(Level.SEVERE, null, se);

}

}

}

Update.java

*package com.p2.jdbc.latihan;*

*import java.util.logging.Level;*

*import java.util.logging.Logger;*

*import java.sql.\*;*

*import javax.swing.\*;*

*public class Update{*

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

*try{*

*//host, port, nama database, user, pass*

*Connection conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/p2", "root", "");*

*Statement stm = conn.createStatement();*

*String query = "Update produk set nama = 'luki', harga='4500' where nama = 'lala'";*

*int hasil = stm.executeUpdate(query);*

*if(hasil == 1){*

*JOptionPane.showMessageDialog(null,"berhasil update");*

*}*

*else{*

*JOptionPane.showMessageDialog(null,"gagal update");*

*}*

*}*

*catch(SQLException se){*

*Logger.getLogger(Update.class.getName()).log(Level.SEVERE, null, se);*

*}*

}

}

Buattabel.java

*package com.p2.jdbc.tugas;*

*import java.sql.\*;*

*import javax.swing.\*;*

*import java.util.logging.Level;*

*import java.util.logging.Logger;*

*import java.math.BigDecimal;*

*public class BuatTabel{*

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

*try{*

*//host, port, nama database, user, pass*

*Connection conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/p2", "root", "");*

*String query = "create table terserah"*

*+ "(Nama text,"*

*+ "Alamat varchar(255),"*

*+ "Tglahir date,"*

*+ "IPK decimal(5,2),"*

*+ "Telepon int(12))";*

*Statement st = conn.createStatement();*

*boolean hasil = st.execute(query);*

*if(hasil){*

*JOptionPane.showMessageDialog(null,"Tabel gagal dibuat");*

*}*

*else{*

*JOptionPane.showMessageDialog(null,"Tabel berhasil dibuat");*

*}*

*}*

*catch(SQLException se){*

*Logger.getLogger(BuatTabel.class.getName()).log(Level.SEVERE, null, se);*

*}*

*}*

*}*

Edittabel.java

*package com.p2.jdbc.tugas;*

*import java.sql.\*;*

*import javax.swing.\*;*

*import java.util.logging.Level;*

*import java.util.logging.Logger;*

*import java.math.BigDecimal;*

*public class DeleteTabel{*

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

*try{*

*//host, port, nama database, user, pass*

*Connection conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/p2", "root", "");*

*BigDecimal ipk = new BigDecimal(3.20);*

*String query = "delete from terserah where Nama = ?";*

*PreparedStatement ps = conn.prepareStatement(query);*

*ps.setString(1, "Luki");*

*int hasil = ps.executeUpdate();*

*if(hasil == 1){*

*JOptionPane.showMessageDialog(null,"Data berhasil dihapus");*

}

*else{*

*JOptionPane.showMessageDialog(null,"Data gagal dihapus");*

*}*

*}*

*catch(SQLException se){*

*Logger.getLogger(DeleteTabel.class.getName()).log(Level.SEVERE, null, se);*

*}*

*}*

*}*

Readtabel.java

*package com.p2.jdbc.tugas;*

*import java.sql.\*;*

*import javax.swing.\*;*

*import java.util.logging.Level;*

*import java.util.logging.Logger;*

*import java.math.BigDecimal;*

*public class ReadTabel{*

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

*try{*

*//host, port, nama database, user, pass*

*Connection conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/p2", "root", "");*

*String query = "select \* from terserah where Nama = 'Luki'";*

*Statement st = conn.createStatement();*

*//hasil query ditaruh di resultset*

*ResultSet rs = st.executeQuery(query);*

*while(rs.next()){*

*String nama = rs.getString("Nama");*

*String alamat = rs.getString("Alamat");*

*Date tanggal = rs.getDate("Tglahir");*

*BigDecimal ipk = rs.getBigDecimal("IPK");*

*int telepon = rs.getInt("Telepon");*

*System.out.println(" ");*

*System.out.println("Berikut hasil pencarian Anda :");*

*System.out.println("Nama : " +nama);*

*System.out.println("Alamat : " +alamat);*

*System.out.println("TTL : " +tanggal);*

*System.out.println("IPK : " +ipk);*

*System.out.println("Telepon : " +telepon);*

*}*

*}*

*catch(SQLException se){*

*Logger.getLogger(ReadTabel.class.getName()).log(Level.SEVERE, null, se);*

*}*

*}*

*}*

Updatetable.java

*package com.p2.jdbc.tugas;*

*import java.sql.\*;*

*import javax.swing.\*;*

*import java.util.logging.Level;*

*import java.util.logging.Logger;*

*import java.math.BigDecimal;*

*public class UpdateTabel{*

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

*try{*

*//host, port, nama database, user, pass*

*Connection conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/p2", "root", "");*

*BigDecimal ipk = new BigDecimal(3.20);*

*String query = "update terserah set Alamat = ? where Nama = 'Daniel'";*

*PreparedStatement ps = conn.prepareStatement(query);*

*ps.setString(1, "Djakarta");*

*int hasil = ps.executeUpdate();*

*if(hasil == 1){*

*JOptionPane.showMessageDialog(null,"Data berhasil diupdate");*

*}*

*else{*

*JOptionPane.showMessageDialog(null,"Data gagal diupdate");*

*}*

*}*

*catch(SQLException se){*

*Logger.getLogger(UpdateTabel.class.getName()).log(Level.SEVERE, null, se);*

*}*

*}*

*}*

**BAB 2**

**Laporan Praktikum**

**PRINT SCREEN**



