**PEMOGRAMAN II**

**“LAPORAN PRAKTIKUM 5”**

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**PRAKTIKAN**

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**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);

}

}

}

Regexmain.java

package com.p2.regex;

import java.util.regex.\*;

public class RegexMain{

public boolean valid(String regexp, String input){

Pattern p = Pattern.compile(regexp);

Matcher m = p.matcher(input);

return m.matches();

}

}

Cari.java

package com.p2.regex;

import java.util.regex.\*;

public class Cari{

public static void main(String[] args){

String text1 = "Nama saya Luki email saya luki@yahoo.com";

cekRegex("[A-Za-z]{2,20}\\s", text1);

}

public static void cekRegex(String regexp, String kata){

Pattern p = Pattern.compile(regexp);

Matcher m = p.matcher(kata);

while(m.find()){

if(m.group().length() != 0){

System.out.println(m.group().trim());

}

System.out.println("indeks awal : "+m.start());

System.out.println("indeks akhir : "+m.end());

}

//System.out.println("lukiiiiii");

}

}

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);

}

}

}

**compile**

