

Tugas Pemograman 2

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BAB 1 Daftar Isi

<u>BAB 1</u>	<u>Daftar Isi.....</u>	<u>2</u>
<u>BAB 2</u>	<u>Kata Pengantar.....</u>	<u>3</u>
<u>BAB 3</u>	<u>Pendahuluan.....</u>	<u>4</u>
<u>BAB 4</u>	<u>Hasil Praktikum.....</u>	<u>5</u>
<u>BAB 5</u>	<u>Kesimpulan.....</u>	<u>17</u>
<u>BAB 6</u>	<u>Daftar Pustaka.....</u>	<u>17</u>

1.1

BAB 2 Kata Pengantar

Puji syukur kami panjatkan kehadiran Allah SWT yang telah memberikan rahmat serta karunia-Nya kepada kami sehingga kami berhasil menyelesaikan Makalah ini yang alhamdulillah tepat pada waktunya yang berjudul “Tugas Pemograman 2”

Makalah ini berisikan tentang informasi tentang Pemograman yang akan penyusun buat atau yang lebih khususnya membahas Pemograman Java,dan lain-lain. Diharapkan Makalah ini dapat memberikan informasi kepada kita semua tentang Pemograman.

Kami menyadari bahwa makalah ini masih jauh dari sempurna, oleh karena itu kritik dan saran dari semua pihak yang bersifat membangun selalu kami harapkan demi kesempurnaan makalah ini.

Akhir kata, kami sampaikan terima kasih kepada semua pihak yang telah berperan serta dalam penyusunan makalah ini dari awal sampai akhir. Semoga Allah SWT senantiasa meridhai segala usaha kita. Amin.

Cibinong

13 April 2013

Fajar Muhammad F

Penyusun

BAB 3 Pendahuluan

Java adalah bahasa pemrograman yang dapat dijalankan di berbagai komputer termasuk telepon genggam. Bahasa ini awalnya dibuat oleh James Gosling saat masih bergabung di Sun Microsystems saat ini merupakan bagian dari Oracle dan dirilis tahun 1995. Bahasa ini banyak mengadopsi sintaksis yang terdapat pada C dan C++ namun dengan sintaksis model objek yang lebih sederhana serta dukungan rutin-rutin aras bawah yang minimal. Aplikasi-aplikasi berbasis java umumnya dikompilasi ke dalam p-code (*bytecode*) dan dapat dijalankan pada berbagai Mesin Virtual Java (JVM). Java merupakan bahasa pemrograman yang bersifat umum/non-spesifik (*general purpose*), dan secara khusus didisain untuk memanfaatkan dependensi implementasi seminimal mungkin. Karena fungsionalitasnya yang memungkinkan aplikasi java mampu berjalan di beberapa platform sistem operasi yang berbeda, java dikenal pula dengan slogannya, "*Tulis sekali, jalankan di mana pun*". Saat ini java merupakan bahasa pemrograman yang paling populer digunakan, dan secara luas dimanfaatkan dalam pengembangan berbagai jenis perangkat lunak aplikasi ataupun aplikasi berbasis web.

BAB 4 Hasil Praktikum

- 1) mvn archetype:create -DgroupId=com.p2.jdbc -DartifactId=belajar-jdbc
- 2) Buat folder latihan dan update di belajar-jdbc/src/main/java/com/p2/jdbc/
- 3) Buat Main.java di folder latihan isinya

```
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{
```

```
            //parameter yang dikirim adalah host,port , nama database ,user,password
```

```
            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);

    }
}

```

4) Buat Update.java di folder latihan isinya

```

package com.p2.jdbc.latihan;

```

```

import java.sql.*;

```

```

import java.util.logging.Level;

```

```

import java.util.logging.Logger;

```

```

import java.math.BigDecimal;

```

```

import javax.swing.*;

```

```

public class Update

```

```

{

```

```

    public static void main( String[] args )

```

```

    {

```

```

        try{

```

```

            //parameter yang dikirim adalah host,port , nama database ,user,password

```

```

            Connection conn =

```

```

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

```

```

            Statement atm = conn.createStatement();

```

```

            String query = "UPDATE produk set nama='dipsi',harga='4500' WHERE

```

```

            nama='lala'";

```

```

int hasil = atm.executeUpdate(query);

if(hasil == 1){

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

}

else{

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

}

}catch(SQLException se){

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

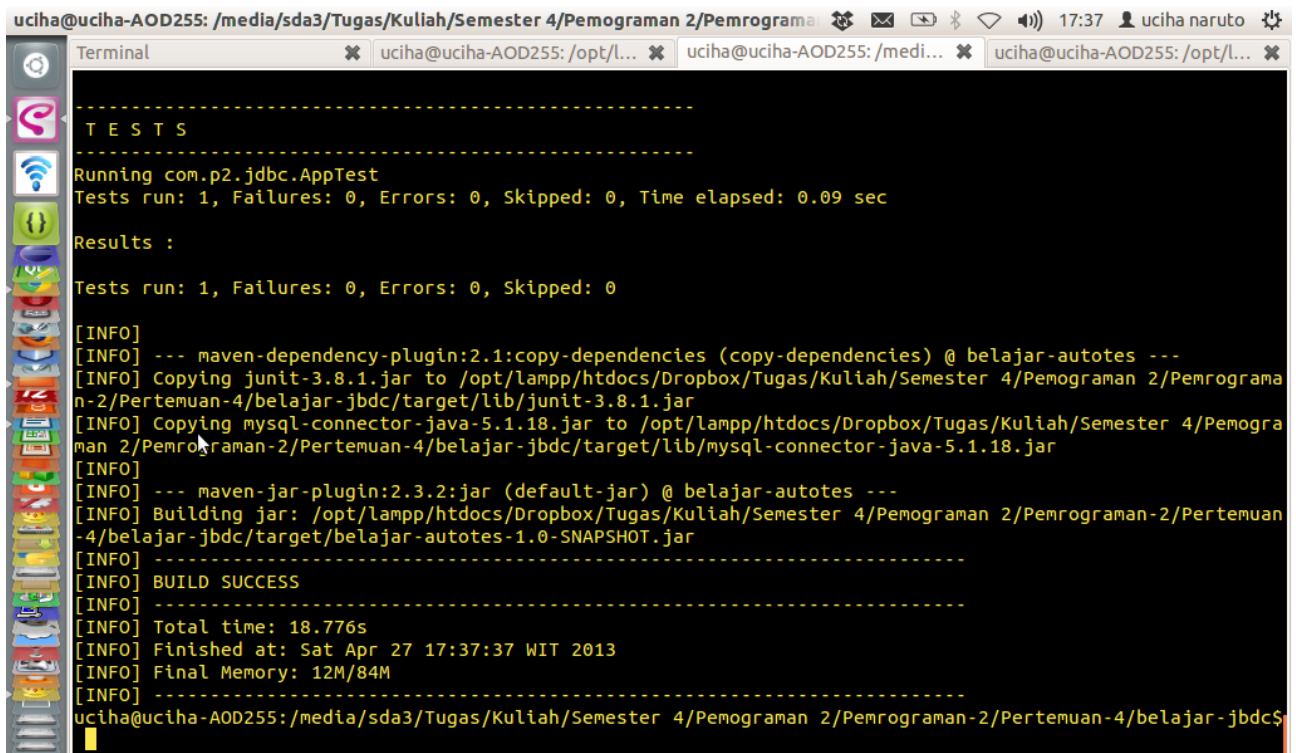
}

}

}

```

5)mvn clean package

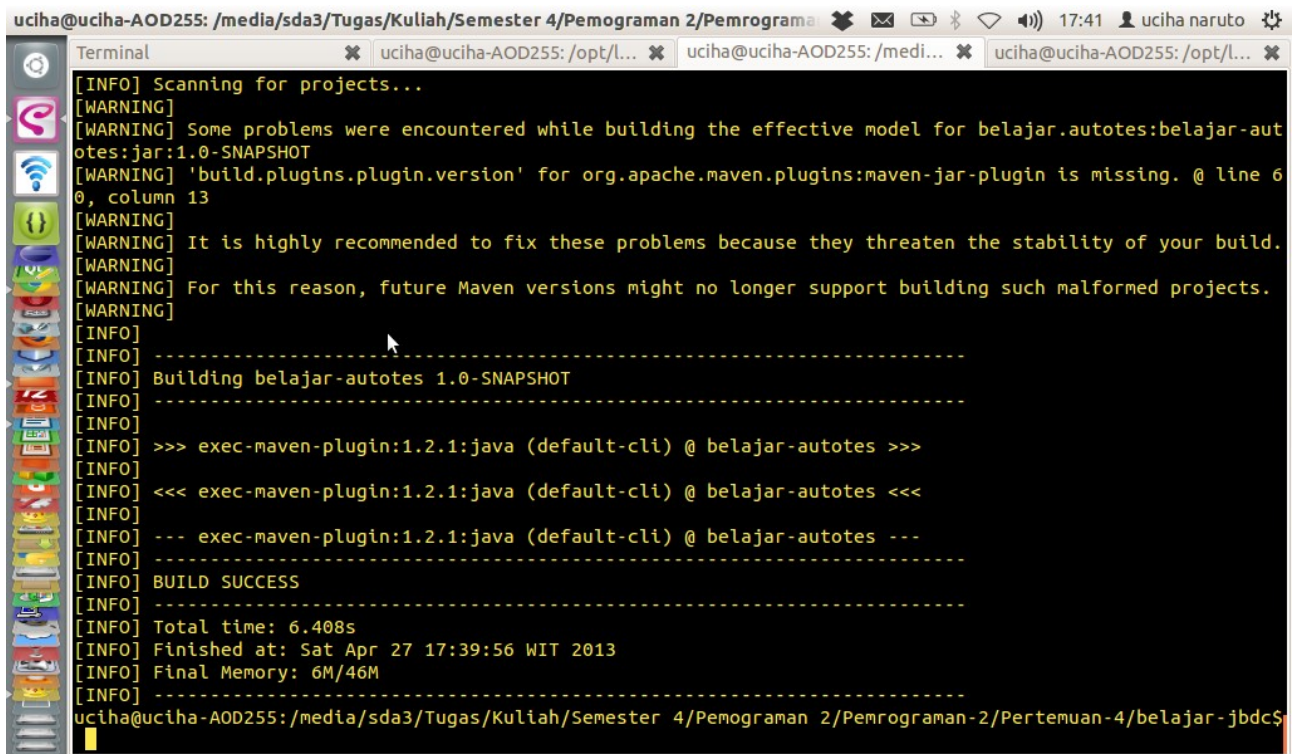


```

uciha@uciha-AOD255: /media/sda3/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman-2/Pertemuan-4/belajar-jdbc$ mvn clean package
[INFO] Scanning for projects...
[INFO]
[INFO] --- maven-clean-plugin:2.4.1:clean (default-clean) @ belajar-autotes ---
[INFO] Deleting /opt/lampp/htdocs/Dropbox/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman-2/Pertemuan-4/belajar-jdbc/target
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ belajar-autotes ---
[INFO] Using default encoding to copy filtered resources.
[INFO] Copying 1 resource
[INFO]
[INFO] --- maven-compiler-plugin:2.3.2:compile (default-compile) @ belajar-autotes ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ belajar-autotes ---
[INFO] Using default encoding to copy filtered resources.
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:2.3.2:testCompile (default-testCompile) @ belajar-autotes ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ belajar-autotes ---
[INFO]
[INFO] -----
[INFO] T E S T S
[INFO] -----
[INFO] Running com.p2.jdbc.AppTest
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.09 sec
[INFO]
[INFO] Results :
[INFO]
[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO]
[INFO] --- maven-dependency-plugin:2.1:copy-dependencies (copy-dependencies) @ belajar-autotes ---
[INFO] Copying junit-3.8.1.jar to /opt/lampp/htdocs/Dropbox/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman-2/Pertemuan-4/belajar-jdbc/target/lib/junit-3.8.1.jar
[INFO] Copying mysql-connector-java-5.1.18.jar to /opt/lampp/htdocs/Dropbox/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman-2/Pertemuan-4/belajar-jdbc/target/lib/mysql-connector-java-5.1.18.jar
[INFO]
[INFO] --- maven-jar-plugin:2.3.2:jar (default-jar) @ belajar-autotes ---
[INFO] Building jar: /opt/lampp/htdocs/Dropbox/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman-2/Pertemuan-4/belajar-jdbc/target/belajar-autotes-1.0-SNAPSHOT.jar
[INFO]
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO]
[INFO] Total time: 18.776s
[INFO] Finished at: Sat Apr 27 17:37:37 WIT 2013
[INFO] Final Memory: 12M/84M
[INFO]
[INFO] -----
uciha@uciha-AOD255: /media/sda3/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman-2/Pertemuan-4/belajar-jdbc$

```

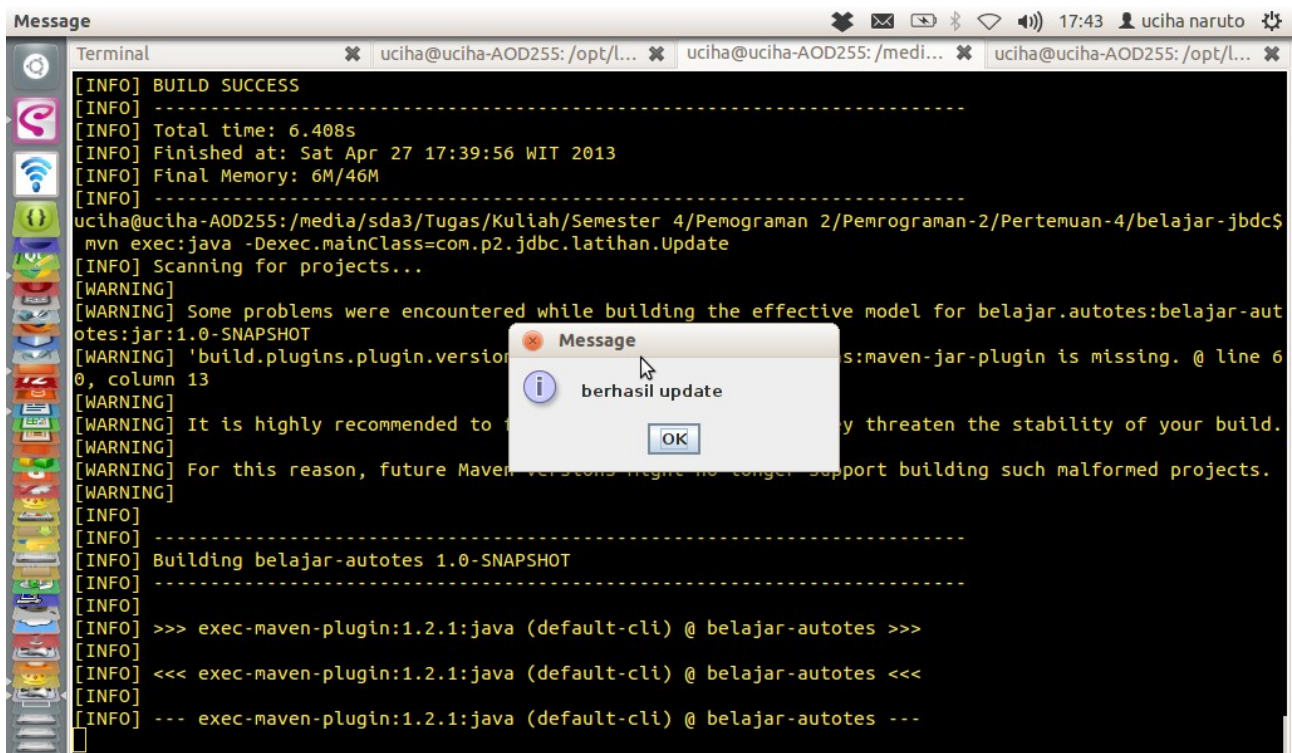
6) mvn exec:java -Dexec.mainClass=com.p2.jdbc.latihan.Main



A terminal window showing the output of a Maven build. The output includes several warnings about missing plugins and a successful build message. The build is for 'belajar-autotes 1.0-SNAPSHOT' and takes 6.408s to complete. The final memory usage is 6M/46M. The terminal prompt is 'uciha@uciha-AOD255:/media/sda3/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman-2/Pertemuan-4/belajar-jdbc\$'.

```
[INFO] Scanning for projects...
[WARNING]
[WARNING] Some problems were encountered while building the effective model for belajar.autotes:belajar-autotes:jar:1.0-SNAPSHOT
[WARNING] 'build.plugins.plugin.version' for org.apache.maven.plugins:maven-jar-plugin is missing. @ line 60, column 13
[WARNING]
[WARNING] It is highly recommended to fix these problems because they threaten the stability of your build.
[WARNING]
[WARNING] For this reason, future Maven versions might no longer support building such malformed projects.
[WARNING]
[INFO]
[INFO] -----
[INFO] Building belajar-autotes 1.0-SNAPSHOT
[INFO] -----
[INFO]
[INFO] >>> exec-maven-plugin:1.2.1:java (default-cli) @ belajar-autotes >>>
[INFO]
[INFO] <<< exec-maven-plugin:1.2.1:java (default-cli) @ belajar-autotes <<<
[INFO]
[INFO] --- exec-maven-plugin:1.2.1:java (default-cli) @ belajar-autotes ---
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] -----
[INFO] Total time: 6.408s
[INFO] Finished at: Sat Apr 27 17:39:56 WIT 2013
[INFO] Final Memory: 6M/46M
[INFO]
uciha@uciha-AOD255:/media/sda3/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman-2/Pertemuan-4/belajar-jdbc$
```

7) mvn exec:java -Dexec.mainClass=com.p2.jdbc.latihan.Update



A terminal window showing the output of a Maven build. The output includes several warnings about missing plugins and a successful build message. The build is for 'belajar-jdbc 1.0-SNAPSHOT' and takes 6.408s to complete. The final memory usage is 6M/46M. The terminal prompt is 'uciha@uciha-AOD255:/media/sda3/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman-2/Pertemuan-4/belajar-jdbc\$'. A message dialog box is overlaid on the terminal, displaying 'berhasil update' (successful update) and an 'OK' button.

```
[INFO] BUILD SUCCESS
[INFO]
[INFO] -----
[INFO] Total time: 6.408s
[INFO] Finished at: Sat Apr 27 17:39:56 WIT 2013
[INFO] Final Memory: 6M/46M
[INFO]
uciha@uciha-AOD255:/media/sda3/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman-2/Pertemuan-4/belajar-jdbc$
mvn exec:java -Dexec.mainClass=com.p2.jdbc.latihan.Update
[INFO] Scanning for projects...
[WARNING]
[WARNING] Some problems were encountered while building the effective model for belajar.autotes:belajar-autotes:jar:1.0-SNAPSHOT
[WARNING] 'build.plugins.plugin.version' for org.apache.maven.plugins:maven-jar-plugin is missing. @ line 60, column 13
[WARNING]
[WARNING] It is highly recommended to fix these problems because they threaten the stability of your build.
[WARNING]
[WARNING] For this reason, future Maven versions might no longer support building such malformed projects.
[WARNING]
[INFO]
[INFO] -----
[INFO] Building belajar-autotes 1.0-SNAPSHOT
[INFO] -----
[INFO]
[INFO] >>> exec-maven-plugin:1.2.1:java (default-cli) @ belajar-autotes >>>
[INFO]
[INFO] <<< exec-maven-plugin:1.2.1:java (default-cli) @ belajar-autotes <<<
[INFO]
[INFO] --- exec-maven-plugin:1.2.1:java (default-cli) @ belajar-autotes ---
```


8) dapat dilihat dimysql dengan menyalakan XAMPP/LAMPP lalu menuju ke folder bin dan ketikkan ./mysql -u root untuk login sebagai admin

9) lalu cek dengan mengetikkan "select * from produk"

10) Tugas Soal ===

11) Use p2

12) create table create table pembelian(

id_brg int PRIMARY KEY,

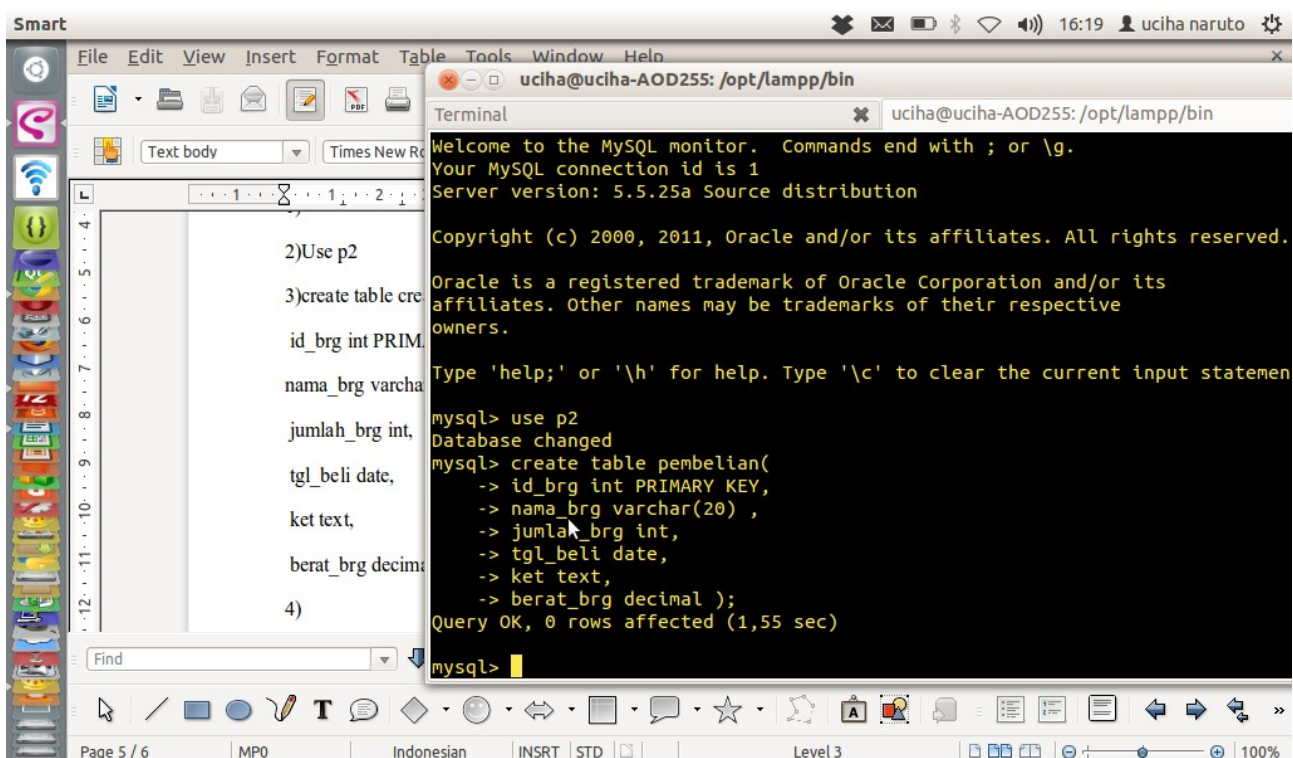
nama_brg varchar(20) ,

jumlah_brg int,

tgl_beli date,

ket text,

berat_brg decimal);



```
Smart
File Edit View Insert Format Table Tools Window Help
Text body Times New Roman
1 2 3 4 5 6 7 8 9 10 11 12
2) Use p2
3) create table pembelian(
   id_brg int PRIMARY KEY,
   nama_brg varchar(20) ,
   jumlah_brg int,
   tgl_beli date,
   ket text,
   berat_brg decimal );
4)

Terminal uciha@uciha-AOD255: /opt/lampp/bin
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 1
Server version: 5.5.25a Source distribution

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use p2
Database changed
mysql> create table pembelian(
-> id_brg int PRIMARY KEY,
-> nama_brg varchar(20) ,
-> jumlah_brg int,
-> tgl_beli date,
-> ket text,
-> berat_brg decimal );
Query OK, 0 rows affected (1,55 sec)

mysql>
```

13)buat file Insert.java di folder soal berisikan

```
package com.p2.jdbc.soal;

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 Insert
{
    public static void main( String[] args )
    {
        try{
            //paramenter yang dikirim adalah host,port , nama database ,user,password

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

            String query = "INSERT INTO
pembelian(id_brg,nama_brg,jumlah_brg,tgl_beli,ket,berat_brg) values ( 1 , 'Java', "+new
Integer(5)+" , '2012-04-04', 'baru', 3 )";

            PreparedStatement ps = conn.prepareStatement(query);

            ps.executeUpdate();

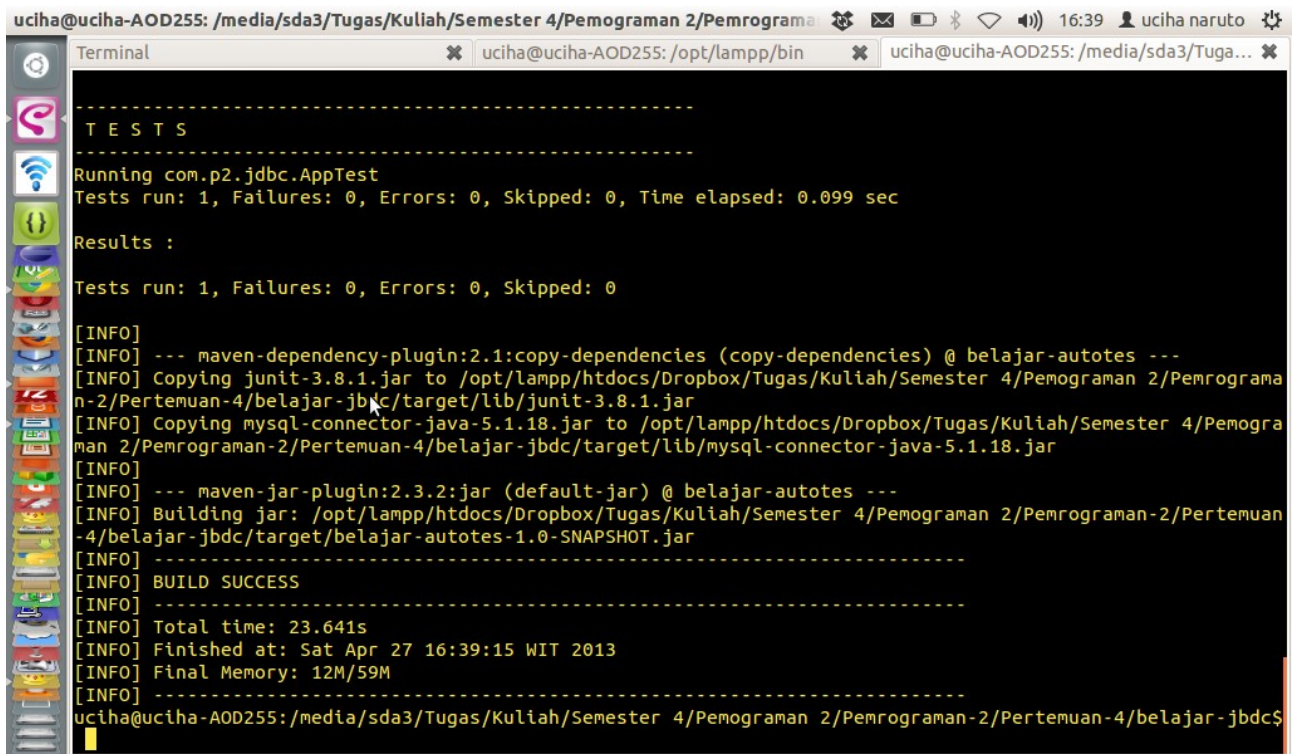
        }catch(SQLException se){
            Logger.getLogger(Insert.class.getName()).log(Level.SEVERE,null,se);
        }
    }
}
```

}

}

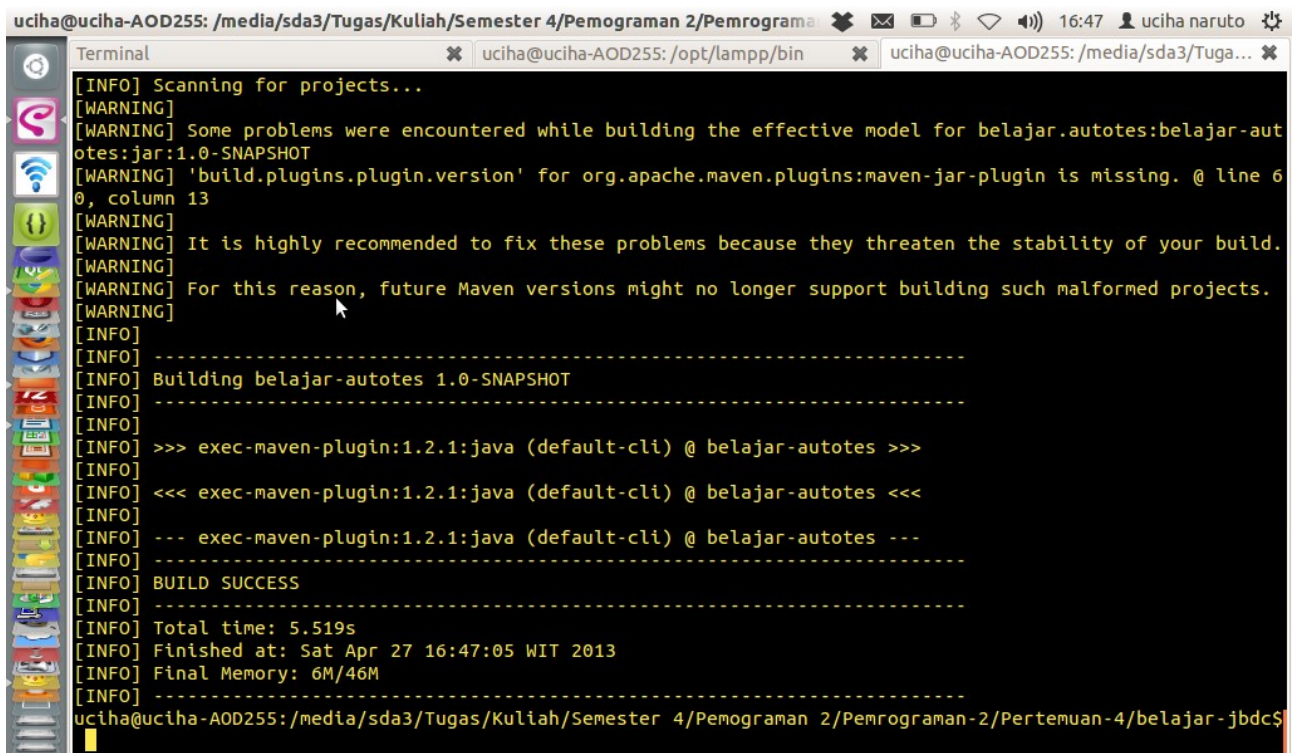
}

14)mvn clean package

A terminal window showing the output of the 'mvn clean package' command. The output includes test results for 'com.p2.jdbc.AppTest' (1 test run, 0 failures, 0 errors, 0 skipped, 0.099 sec) and build information for 'belajar-autotes-1.0-SNAPSHOT.jar'. The build is successful, with a total time of 23.641s and finished at Sat Apr 27 16:39:15 WIT 2013. The final memory usage is 12M/59M.

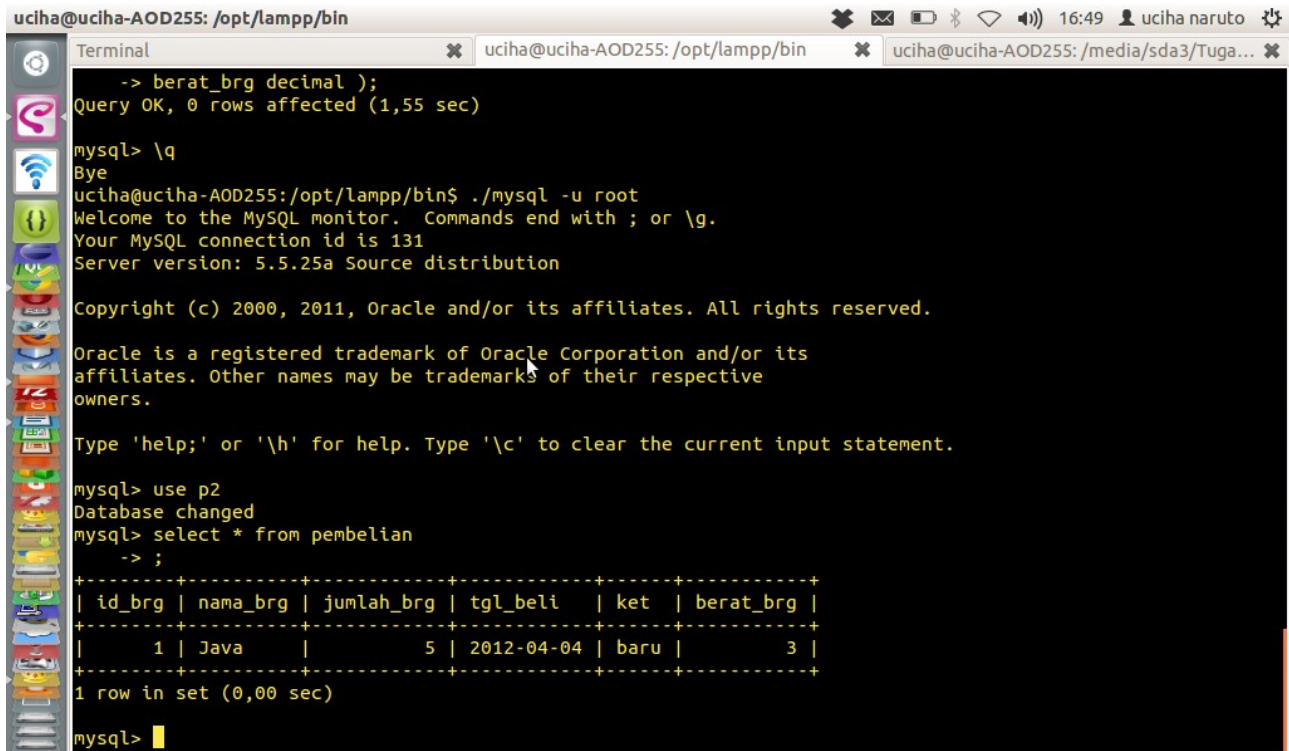
```
uciha@uciha-AOD255: /media/sda3/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman 2/Pertemuan-4/belajar-jdbc$ mvn clean package
[INFO] Scanning for projects...
[INFO] Building belajar-autotes 1.0-SNAPSHOT
[INFO] --- maven-dependency-plugin:2.1:copy-dependencies (copy-dependencies) @ belajar-autotes ---
[INFO] Copying junit-3.8.1.jar to /opt/lampp/htdocs/Dropbox/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman 2/Pertemuan-4/belajar-jdbc/target/lib/junit-3.8.1.jar
[INFO] Copying mysql-connector-java-5.1.18.jar to /opt/lampp/htdocs/Dropbox/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman 2/Pertemuan-4/belajar-jdbc/target/lib/mysql-connector-java-5.1.18.jar
[INFO] --- maven-jar-plugin:2.3.2:jar (default-jar) @ belajar-autotes ---
[INFO] Building jar: /opt/lampp/htdocs/Dropbox/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman 2/Pertemuan-4/belajar-jdbc/target/belajar-autotes-1.0-SNAPSHOT.jar
[INFO] BUILD SUCCESS
[INFO] Total time: 23.641s
[INFO] Finished at: Sat Apr 27 16:39:15 WIT 2013
[INFO] Final Memory: 12M/59M
uciha@uciha-AOD255: /media/sda3/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman 2/Pertemuan-4/belajar-jdbc$
```

15)mvn exec:java -Dexec.mainClass=com.p2.jdbc.soal.Insert

A terminal window showing the output of the 'mvn exec:java' command. The output includes warnings about missing 'build.plugins.plugin.version' for 'org.apache.maven.plugins:maven-jar-plugin' and build information for 'belajar-autotes-1.0-SNAPSHOT.jar'. The build is successful, with a total time of 5.519s and finished at Sat Apr 27 16:47:05 WIT 2013. The final memory usage is 6M/46M.

```
uciha@uciha-AOD255: /media/sda3/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman 2/Pertemuan-4/belajar-jdbc$ mvn exec:java
[INFO] Scanning for projects...
[WARNING] Some problems were encountered while building the effective model for belajar.autotes:belajar-autotes:jar:1.0-SNAPSHOT
[WARNING] 'build.plugins.plugin.version' for org.apache.maven.plugins:maven-jar-plugin is missing. @ line 60, column 13
[WARNING] It is highly recommended to fix these problems because they threaten the stability of your build.
[WARNING] For this reason, future Maven versions might no longer support building such malformed projects.
[INFO] Building belajar-autotes 1.0-SNAPSHOT
[INFO] --- exec-maven-plugin:1.2.1:java (default-cli) @ belajar-autotes ---
[INFO] <<< exec-maven-plugin:1.2.1:java (default-cli) @ belajar-autotes <<<
[INFO] --- exec-maven-plugin:1.2.1:java (default-cli) @ belajar-autotes ---
[INFO] BUILD SUCCESS
[INFO] Total time: 5.519s
[INFO] Finished at: Sat Apr 27 16:47:05 WIT 2013
[INFO] Final Memory: 6M/46M
uciha@uciha-AOD255: /media/sda3/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman 2/Pertemuan-4/belajar-jdbc$
```

16)cek record di table di mysql dengan “select * from pembelian;”



```
uciha@uciha-AOD255: /opt/lampp/bin
Terminal
uciha@uciha-AOD255: /opt/lampp/bin
uciha@uciha-AOD255: /media/sda3/Tuga...

-> berat_brg decimal );
Query OK, 0 rows affected (1,55 sec)

mysql> \q
Bye
uciha@uciha-AOD255: /opt/lampp/bin$ ./mysql -u root
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 131
Server version: 5.5.25a Source distribution

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use p2
Database changed
mysql> select * from pembelian
-> ;
+-----+-----+-----+-----+-----+-----+
| id_brg | nama_brg | jumlah_brg | tgl_beli | ket | berat_brg |
+-----+-----+-----+-----+-----+-----+
| 1 | Java | 5 | 2012-04-04 | baru | 3 |
+-----+-----+-----+-----+-----+-----+
1 row in set (0,00 sec)

mysql>
```

17)Lalu buat file Update.java di folder soal

```
package com.p2.jdbc.soal;
```

```
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 Update
```

```
{
```

```
    public static void main( String[] args )
```

```

{
    try{
        //paramenter yang dikirim adalah host,port , nama database ,user,password

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

        String query = "UPDATE pembelian set
id_brg=1,nama_brg='Apel',jumlah_brg="+new Integer(3)+" ,tgl_beli='2012-04-
05',ket='bekas',berat_brg=5 where id_brg = 1";

        PreparedStatement ps = conn.prepareStatement(query);

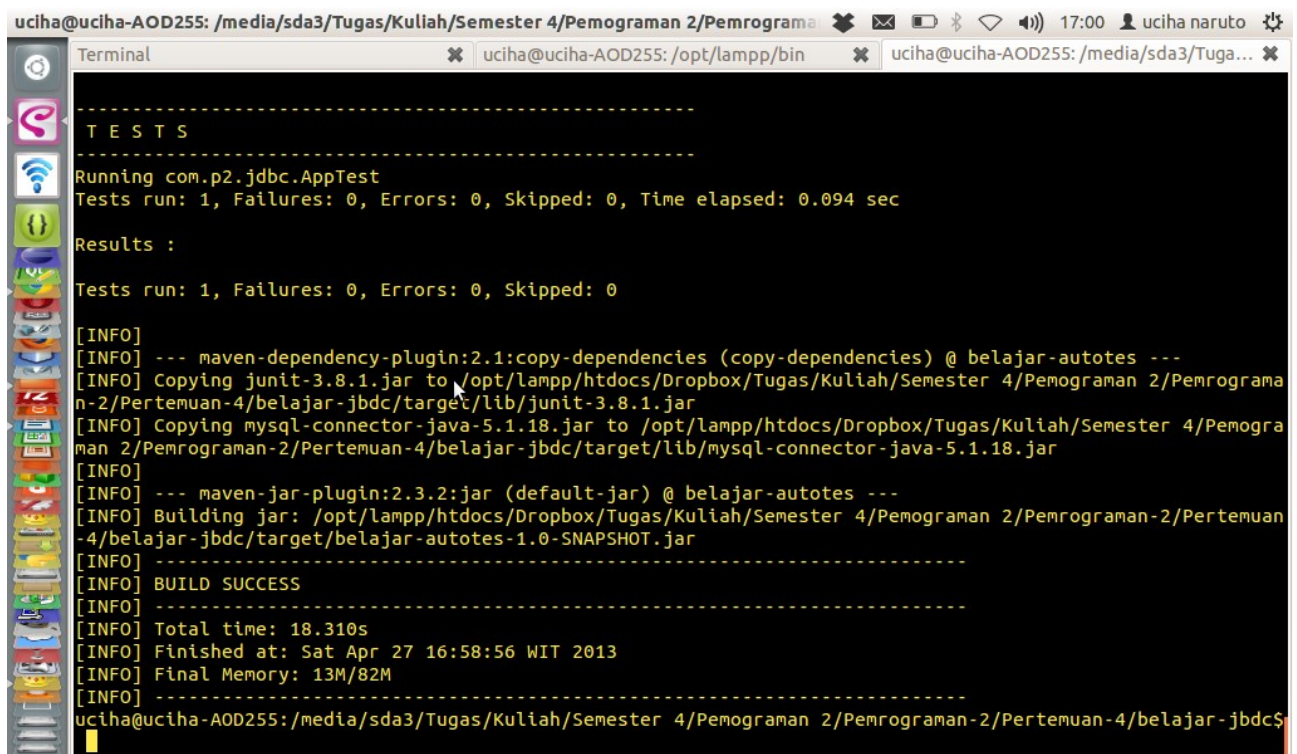
        int hasil = ps.executeUpdate();

        if(hasil == 1){
            System.out.println("Berhasil Diupdate");
        }
        else{
            System.out.println("Gagal Diupdate");
        }

    }catch(SQLException se){
        Logger.getLogger(Update.class.getName()).log(Level.SEVERE,null,se);
    }
}
}

```


18)mvn clean package



The screenshot shows a terminal window with the following output:

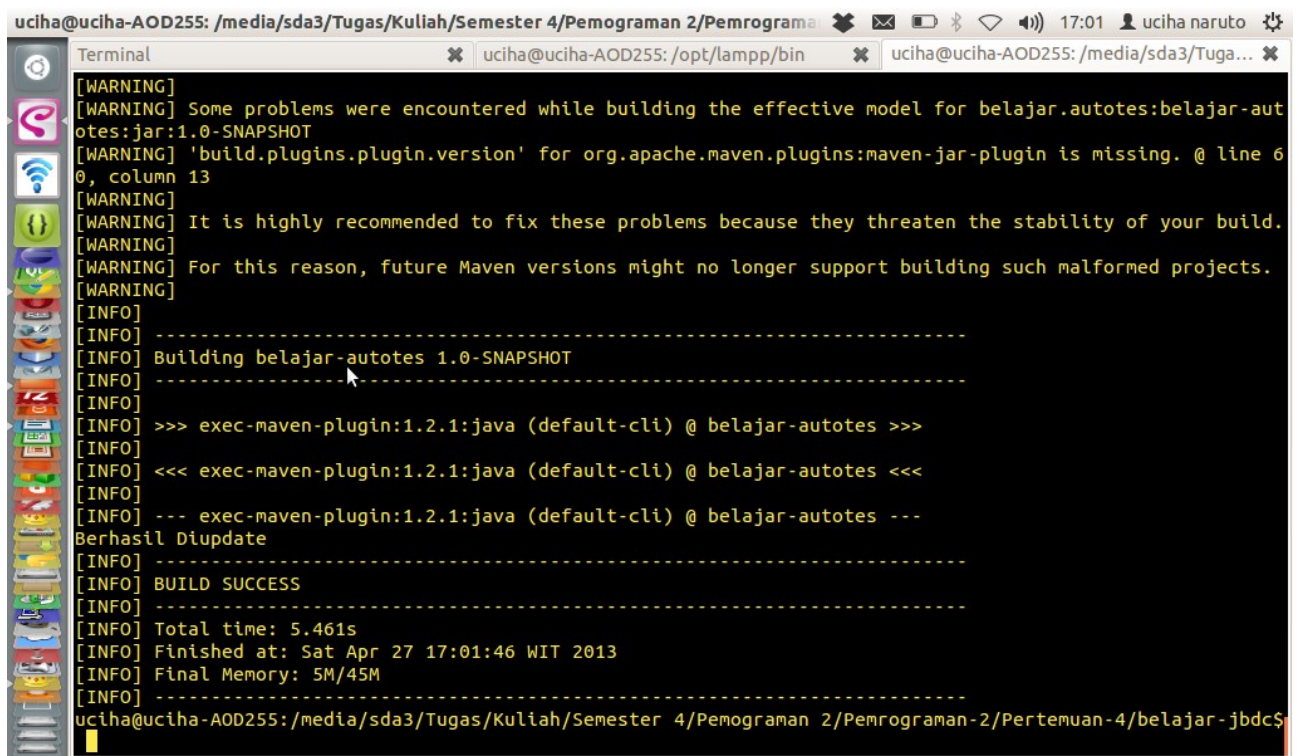
```
-----
T E S T S
-----
Running com.p2.jdbc.AppTest
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.094 sec

Results :

Tests run: 1, Failures: 0, Errors: 0, Skipped: 0

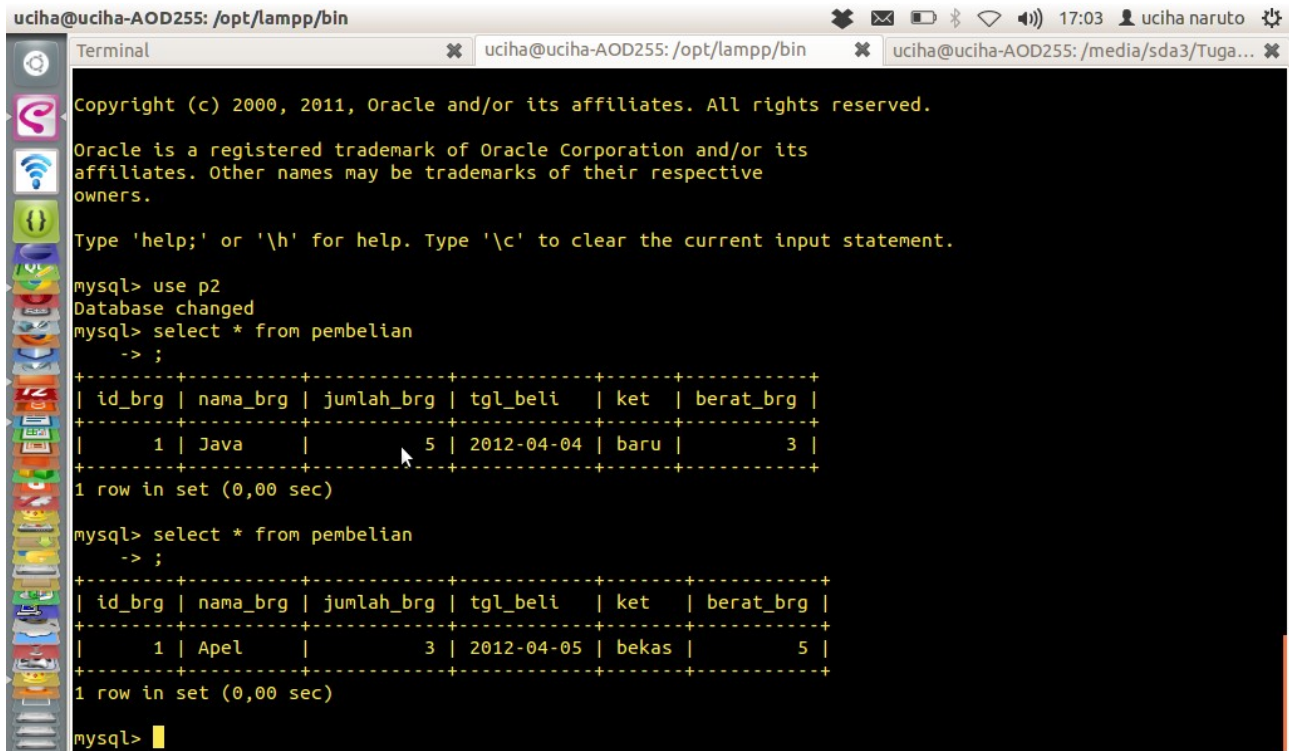
[INFO]
[INFO] --- maven-dependency-plugin:2.1:copy-dependencies (copy-dependencies) @ belajar-autotes ---
[INFO] Copying junit-3.8.1.jar to /opt/lampp/htdocs/Dropbox/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman-2/Pertemuan-4/belajar-jdbc/target/lib/junit-3.8.1.jar
[INFO] Copying mysql-connector-java-5.1.18.jar to /opt/lampp/htdocs/Dropbox/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman-2/Pertemuan-4/belajar-jdbc/target/lib/mysql-connector-java-5.1.18.jar
[INFO]
[INFO] --- maven-jar-plugin:2.3.2:jar (default-jar) @ belajar-autotes ---
[INFO] Building jar: /opt/lampp/htdocs/Dropbox/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman-2/Pertemuan-4/belajar-jdbc/target/belajar-autotes-1.0-SNAPSHOT.jar
[INFO]
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO]
[INFO] Total time: 18.310s
[INFO] Finished at: Sat Apr 27 16:58:56 WIT 2013
[INFO] Final Memory: 13M/82M
[INFO]
[INFO] -----
uciha@uciha-AOD255:/media/sda3/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman-2/Pertemuan-4/belajar-jdbc$
```

19)mvn exec:java -Dexec.mainClass=com.p2.jdbc.soal.Update



```
Terminal
uciha@uciha-AOD255: /media/sda3/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman 2/Pertemuan-4/belajar-jdbc$ mvn exec:java -Dexec.mainClass=com.p2.jdbc.soal.Update
[WARNING]
[WARNING] Some problems were encountered while building the effective model for belajar.autotes:belajar-autotes:jar:1.0-SNAPSHOT
[WARNING] 'build.plugins.plugin.version' for org.apache.maven.plugins:maven-jar-plugin is missing. @ line 60, column 13
[WARNING]
[WARNING] It is highly recommended to fix these problems because they threaten the stability of your build.
[WARNING]
[WARNING] For this reason, future Maven versions might no longer support building such malformed projects.
[WARNING]
[INFO]
[INFO] -----
[INFO] Building belajar-autotes 1.0-SNAPSHOT
[INFO] -----
[INFO]
[INFO] >>> exec-maven-plugin:1.2.1:java (default-cli) @ belajar-autotes >>>
[INFO]
[INFO] <<< exec-maven-plugin:1.2.1:java (default-cli) @ belajar-autotes <<<
[INFO]
[INFO] --- exec-maven-plugin:1.2.1:java (default-cli) @ belajar-autotes ---
[INFO] Berhasil Diupdate
[INFO]
[INFO] -----
[INFO] BUILD SUCCESS
[INFO]
[INFO] -----
[INFO] Total time: 5.461s
[INFO] Finished at: Sat Apr 27 17:01:46 WIT 2013
[INFO] Final Memory: 5M/45M
[INFO]
[INFO] -----
uciha@uciha-AOD255: /media/sda3/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman 2/Pertemuan-4/belajar-jdbc$
```


20)cek record di table di mysql dengan “select * from pembelian;”



The screenshot shows a terminal window with the following content:

```
uciha@uciha-AOD255: /opt/lampp/bin
Terminal
uciha@uciha-AOD255: /opt/lampp/bin
uciha@uciha-AOD255: /media/sda3/Tuga...

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use p2
Database changed
mysql> select * from pembelian
-> ;
+-----+-----+-----+-----+-----+-----+
| id_brg | nama_brg | jumlah_brg | tgl_beli | ket | berat_brg |
+-----+-----+-----+-----+-----+-----+
| 1 | Java | 5 | 2012-04-04 | baru | 3 |
+-----+-----+-----+-----+-----+-----+
1 row in set (0,00 sec)

mysql> select * from pembelian
-> ;
+-----+-----+-----+-----+-----+-----+
| id_brg | nama_brg | jumlah_brg | tgl_beli | ket | berat_brg |
+-----+-----+-----+-----+-----+-----+
| 1 | Apel | 3 | 2012-04-05 | bekas | 5 |
+-----+-----+-----+-----+-----+-----+
1 row in set (0,00 sec)

mysql> 
```

21)Buat Delete.java difolder soal berisi

package com.p2.jdbc.soal;

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 Delete

{

public static void main(String[] args)

```

{

    try{

        //parameter yang dikirim adalah host,port , nama database ,user,password

        Connection conn =

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

        String query = "DELETE from pembelian where id_brg = 1";

        PreparedStatement ps = conn.prepareStatement(query);

        int hasil = ps.executeUpdate();

        if(hasil == 1){

            System.out.println("Berhasil Didelete");

        }

        else{

            System.out.println("Gagal Didelete");

        }

    }catch(SQLException se){

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

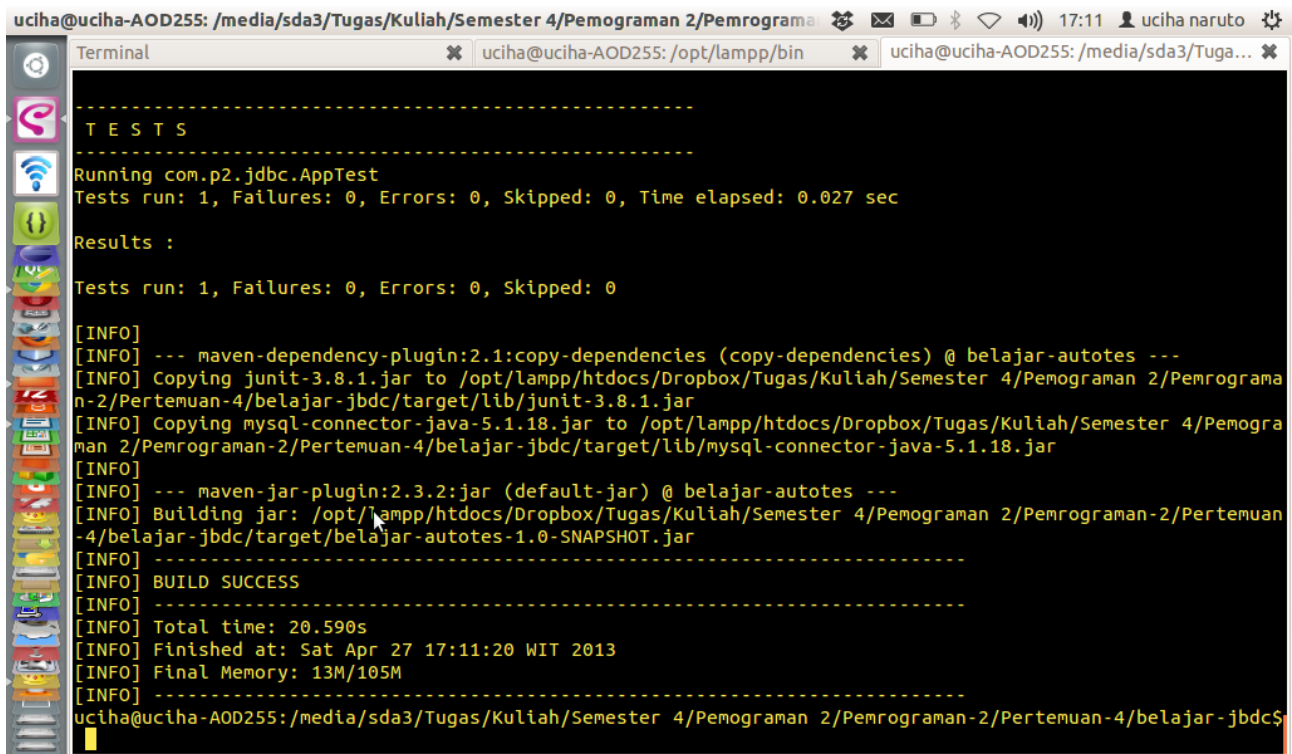
    }

}

}

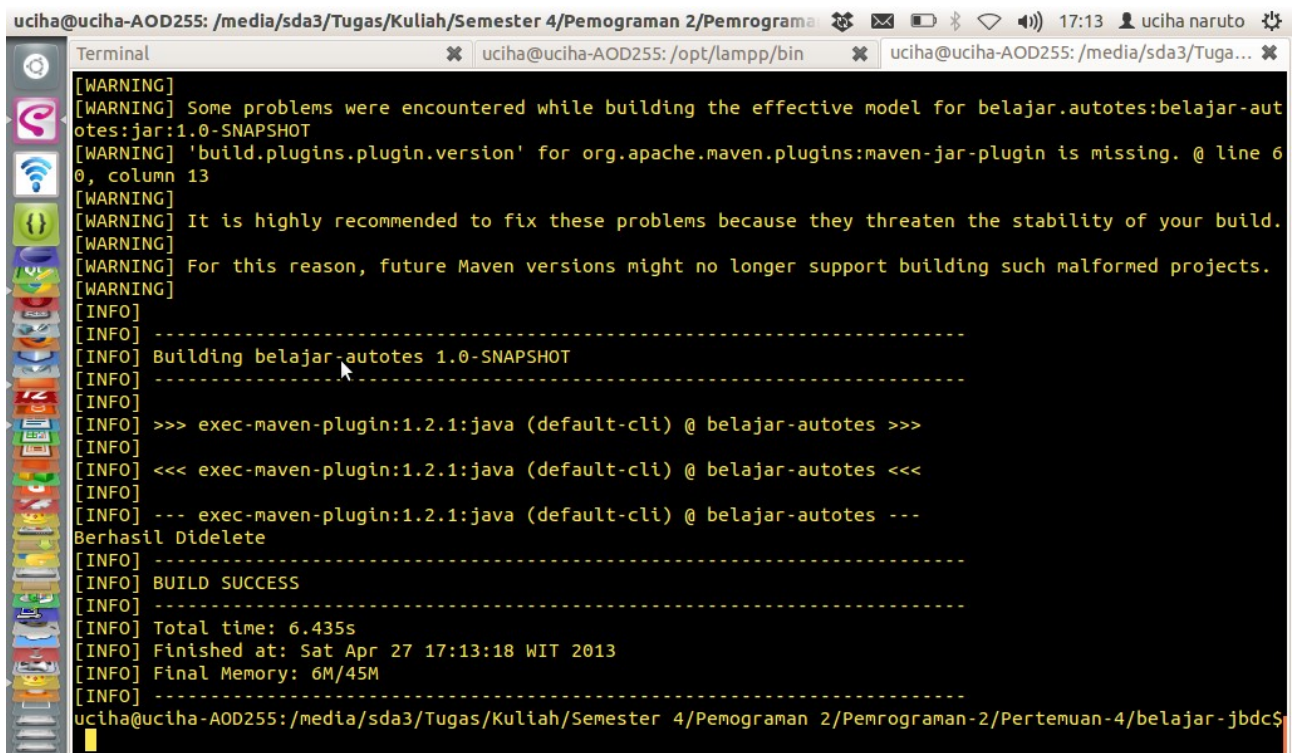
```

22)mvn clean package

A terminal window showing the output of the 'mvn clean package' command. The output includes test results for 'com.p2.jdbc.AppTest' (1 test run, 0 failures, 0 errors, 0 skipped, 0.027 sec elapsed) and build logs for maven-dependency-plugin and maven-jar-plugin. The build is successful, with a total time of 20.590s and finished at Sat Apr 27 17:11:20 WIT 2013. The final memory usage is 13M/105M.

```
uciha@uciha-AOD255: /media/sda3/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman 2/Pertemuan-4/belajar-jdbc$ mvn clean package
[INFO] Total time: 20.590s
[INFO] Finished at: Sat Apr 27 17:11:20 WIT 2013
[INFO] Final Memory: 13M/105M
[INFO] BUILD SUCCESS
```

23)mvn exec:java -Dexec.mainClass=com.p2.jdbc.soal.Delete

A terminal window showing the output of the 'mvn exec:java -Dexec.mainClass=com.p2.jdbc.soal.Delete' command. The output includes several warnings about missing plugin versions and build stability. The build is successful, with a total time of 6.435s and finished at Sat Apr 27 17:13:18 WIT 2013. The final memory usage is 6M/45M.

```
uciha@uciha-AOD255: /media/sda3/Tugas/Kuliah/Semester 4/Pemrograman 2/Pemrograman 2/Pertemuan-4/belajar-jdbc$ mvn exec:java -Dexec.mainClass=com.p2.jdbc.soal.Delete
[WARNING] Some problems were encountered while building the effective model for belajar.autotes:belajar-autotes:jar:1.0-SNAPSHOT
[WARNING] 'build.plugins.plugin.version' for org.apache.maven.plugins:maven-jar-plugin is missing. @ line 60, column 13
[WARNING] It is highly recommended to fix these problems because they threaten the stability of your build.
[WARNING] For this reason, future Maven versions might no longer support building such malformed projects.
[WARNING]
[INFO] Building belajar-autotes 1.0-SNAPSHOT
[INFO] --- exec-maven-plugin:1.2.1:java (default-cli) @ belajar-autotes ---
[INFO] >>> exec-maven-plugin:1.2.1:java (default-cli) @ belajar-autotes >>>
[INFO] <<< exec-maven-plugin:1.2.1:java (default-cli) @ belajar-autotes <<<
[INFO] --- exec-maven-plugin:1.2.1:java (default-cli) @ belajar-autotes ---
Berhasil Didelete
[INFO] BUILD SUCCESS
[INFO] Total time: 6.435s
[INFO] Finished at: Sat Apr 27 17:13:18 WIT 2013
[INFO] Final Memory: 6M/45M
[INFO] BUILD SUCCESS
```

24)cek dimysql dengan mengetik “select * from pembelian;”

```
uchiha@uchiha-AOD255: /opt/lampp/bin
Terminal uchiha@uchiha-AOD255: /opt/lampp/bin uchiha@uchiha-AOD255: /media/sda3/Tuga...
Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use p2
Database changed
mysql> select * from pembelian
-> ;
+-----+-----+-----+-----+-----+-----+
| id_brg | nama_brg | jumlah_brg | tgl_beli | ket | berat_brg |
+-----+-----+-----+-----+-----+-----+
| 1 | Java | 5 | 2012-04-04 | baru | 3 |
+-----+-----+-----+-----+-----+-----+
1 row in set (0,00 sec)

mysql> select * from pembelian
-> ;
+-----+-----+-----+-----+-----+-----+
| id_brg | nama_brg | jumlah_brg | tgl_beli | ket | berat_brg |
+-----+-----+-----+-----+-----+-----+
| 1 | Apel | 3 | 2012-04-05 | bekas | 5 |
+-----+-----+-----+-----+-----+-----+
1 row in set (0,00 sec)

mysql> select * from pembelian;
Empty set (0,00 sec)

mysql>
```

BAB 5 Kesimpulan

Dengan diajarkannya mata kuliah Pemograman 2 saya semakin mengerti tentang membuat program yang baik.

Dan kedepannya semoga dengan bekal ilmu yang telah diajarkan di Mata Kuliah Pemograman 2 Ini bisa diterapkan dalam kehidupan sehari hari agar dapat bermanfaat bagi semua orang.

BAB 6 Daftar Pustaka

Referensi

Study Mata Kuliah Pemograman 2

Modul Praktikum Pemograman 2

<http://id.wikipedia.org/wiki/Java>

<http://www.google.com>