LAPORAN PRAKTIKUM PRAKTIKUM 9 "PERSISTENT OBJECT"



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PRAKTIKUM PEMOGRAMAN BERBASIS OBJEK

LAB B2

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A. Code PersonDAO.java

```
public interface PersonDAO{
   public void savePerson(Person p) throws Execption;
}
```

B. Code Person.java

```
public class Person {
    private int id;
    private String name;

public Person(String n) {
        name = n;
    }
    public Person (int i, String n) {
        id = i;
        name = n;
    }
    public int getId() {
        return id;
    }
    public String getName() {
        return name;
    }
}
```

C. Code MySQLPersonDAO.java

```
import java.sql.DriverManager;

public class MySQLPersonDAO implements PersonDAO {
    public void SavePerson(Person person) throws Exception{
        String name = person.getName();

        Class.forName("com.mysql.jdbc.Driver");
        Connection con = DriverManager.getConnection("jbdc:mysql://localhost/pbo","root","");
        String query = "INSERT INTO person(name) VALUES(""+name+"")";
        System.out.println(query);
        Statement s = con.createStatement();
        s.executeUpdate(query);

        con.close();}
}
```

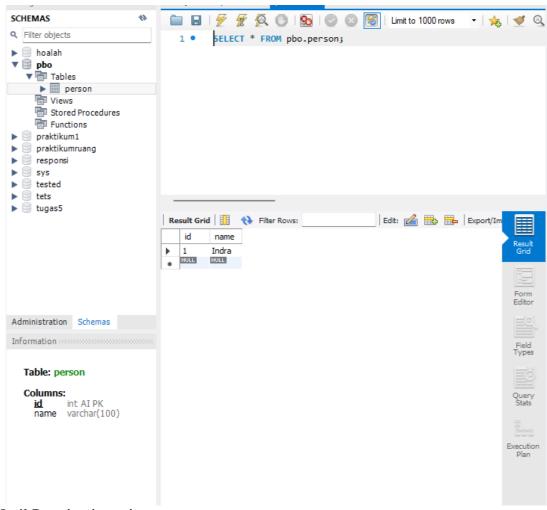
D. Code DAOManager.java

```
public class DAOManager {
    private PersonDAO personDAO;
    public void setPersonDAO(PersonDAO person){
        personDAO = person;
    }
    public PersonDAO getPersonDAO(){
        return personDAO;
    }
}
```

E. Code MainDAO.java

```
public class MainDAO{
   public static void main(String args[]){
      Person person = new Person("Indra");
      DAOManager m = new DAOManager();
      m.setPersonDAO(new MySQLPersonDAO());
      try{
            m.getPersonDAO().savePerson(person);
      }catch(Exception e){
            e.printStackTrace();
      }
    }
}
```

F. Buat Database



G. Hasil Running inputting

PS C:\Users\axell\Javaaaa\Pertemuan 9> cd "c:\Users\axell\Javaaaa\Pertemuan 9\"; if (\$?) { javac MainDAO.java }; if (\$?) { java MainDAO }
Loading class `com.mysql.jdbc.Driver'. This is deprecated. The new driver class is `com.mysql.cj.jdbc.Driver'. The driver is automatically registered via the
SPI and manual loading of the driver class is generally unnecessary.

INSERT INTO person(name) VALUES('Mukidi')
PS C:\Users\axell\Javaaaa\Pertemuan 9>

