

Simpli\_Learning phase-4 project:-  
Source code:

```
package com.simplilearn.webapp.Dao;

import java.util.List;

import javax.management.Query;

import org.hibernate.Session;
import org.hibernate.Transaction;
import org.springframework.orm.hibernate5.HibernateTemplate;

import com.simplilearn.webapp.model.Admin;

@SuppressWarnings("deprecation")
public class AdminRepository {

    private HibernateTemplate hibernateTemplate;

    public HibernateTemplate getHibernateTemplate() {
        return hibernateTemplate;
    }

    public void setHibernateTemplate(HibernateTemplate hibernateTemplate) {
        this.hibernateTemplate = hibernateTemplate;
    }

    public boolean verifyAdmin(Admin a) {
        Session
session=hibernateTemplate.getSessionFactory().openSession();
        Transaction transaction=session.beginTransaction();

        String hql = "from Admin where email=:email and
password=:password";
        Query<Admin> query = session.createQuery(hql,Admin.class);
        query.setParameter("email", a.getEmail());
        query.setParameter("password", a.getPassword());
        List<Admin>results = query.getResultList();
        transaction.commit();
        session.close();

        return results.size()>0;
    }
}

package com.simplilearn.webapp.Dao;

import java.util.List;

import org.hibernate.Session;
import org.hibernate.Transaction;
import org.springframework.orm.hibernate5.HibernateTemplate;
```

Simpli\_Learning phase-4 project:-  
Source code:

```
import com.simplilearn.webapp.model.Product;

public class ProductRepository {

    HibernateTemplate hibernateTemplate;

    public ProductRepository() {
        super();
    }

    public ProductRepository(HibernateTemplate hibernateTemplate) {
        super();
        this.hibernateTemplate = hibernateTemplate;
    }

    public HibernateTemplate getHibernateTemplate() {
        return hibernateTemplate;
    }

    public void setHibernateTemplate(HibernateTemplate hibernateTemplate) {
        this.hibernateTemplate = hibernateTemplate;
    }

    public List<Product> getAllProducts() {

        List<Product> productList = hibernateTemplate.loadAll(Product.class);
        return productList;
    }

    public Boolean deleteProduct(int id) {

        try {
            Session
session = hibernateTemplate.getSessionFactory().openSession();
            Transaction transaction = session.beginTransaction();
            Product p = session.get(Product.class, id);
            session.delete(p);
            transaction.commit();
            session.close();
        }
        catch (Exception e) {
            return false;
        }
        return true;
    }
}
```

Simpli\_Learning phase-4 project:-  
Source code:

```
package com.simplilearn.webapp.Dao;
```

```
import java.util.List;
```

```
import com.simplilearn.webapp.model.*;
```

```
import org.springframework.orm.hibernate5.HibernateTemplate;
```

```
public class PurchaseReportRepository {
```

```
    HibernateTemplate hibernateTemplate;
```

```
    public HibernateTemplate getHibernateTemplate() {
```

```
        return hibernateTemplate;
```

```
    }
```

```
    public void setHibernateTemplate(HibernateTemplate hibernateTemplate) {
```

```
        this.hibernateTemplate = hibernateTemplate;
```

```
    }
```

```
    @SuppressWarnings("deprecation")
```

```
    public List<PurchaseReport> getReport(){
```

```
        @SuppressWarnings("unchecked")
```

```
        List<PurchaseReport> report=(List<PurchaseReport>) hibernateTemplate.find("from  
PurchaseReport order by reportProductName,reportDate");
```

```
        return report;
```

```
    }
```

Simpli\_Learning phase-4 project:-  
Source code:

```
}
```

```
package com.simplilearn.webapp.Dao;
```

```
import javax.management.Query;
```

```
import org.hibernate.Session;
```

```
import org.hibernate.Transaction;
```

```
import org.springframework.orm.hibernate5.HibernateTemplate;
```

```
import com.simplilearn.webapp.model.Admin;
```

```
@SuppressWarnings("deprecation")
```

```
public class Repository {
```

```
    private HibernateTemplate hibernateTemplate;
```

```
    public HibernateTemplate getHibernateTemplate() {
```

```
        return hibernateTemplate;
```

```
    }
```

```
    public void setHibernateTemplate(HibernateTemplate hibernateTemplate) {
```

```
        this.hibernateTemplate = hibernateTemplate;
```

```
    }
```

```
    public boolean forgotPassword(String email,String password) {
```

```
        Session session=hibernateTemplate.getSessionFactory().openSession();
```

Simpli\_Learning phase-4 project:-  
Source code:

```
        Transaction tx=session.beginTransaction();

        @SuppressWarnings("unchecked")
        Query<Admin> q=session.createQuery("update Admin set password=:p where
email=:e");

        q.setParameter("e",email);
        q.setParameter("p",password);


        int status=q.executeUpdate();
        System.out.println(status);
        tx.commit();
        return status>0?true:false;
    }
}
```

```
package com.simplilearn.webapp.Dao;
```

```
import java.util.List;
```

```
import javax.management.Query;
```

```
import org.hibernate.Session;
```

```
import org.hibernate.Transaction;
```

```
import org.springframework.orm.hibernate5.HibernateTemplate;
```

```
import com.simplilearn.webapp.model.User;
```

```
@SuppressWarnings("deprecation")
```

```
public class UserRepository {
```

Simpli\_Learning phase-4 project:-  
Source code:

```
hibernateTemplate hibernateTemplate;
```

```
public UserRepository() {  
    super();  
}
```

```
public UserRepository(HibernateTemplate hibernateTemplate) {  
    super();  
    this.hibernateTemplate = hibernateTemplate;  
}
```

```
public HibernateTemplate getHibernateTemplate() {  
    return hibernateTemplate;  
}
```

```
public void setHibernateTemplate(HibernateTemplate hibernateTemplate) {  
    this.hibernateTemplate = hibernateTemplate;  
}
```

```
public List<User> getAllUsers(){  
  
    List<User> userList=hibernateTemplate.loadAll(User.class);  
    return userList;  
}
```

Simpli\_Learning phase-4 project:-  
Source code:

```
public List<User> searchUser(String email){

    Session session=hibernateTemplate.getSessionFactory().openSession();
    Transaction transaction=session.beginTransaction();

    String hql = "from User where userEmail=:email";
    Query<User> query = session.createQuery(hql,User.class);
    query.setParameter("email", email);
    List<User> user = query.getResultList();
    transaction.commit();
    session.close();

    return user;
}

}
```