Web Programlama Dersi 3. Hafta

Dr. Öğretim Üyesi Sinan TOKLU

DATA (D:) > Sinan > jpa_kurulum > jpa_mysql_dosyalar

| ^ | Ad | Değiştirme tarihi |
|---|--------------------------|-------------------------------------|
| | jpa_libs EntityUtil.java | 2.01.2021 20:58 23.01.2011 10:48 |
| | log4j.properties | 23.01.2011 10:48 |
| | persistence.xml | 23.01.2011 10:34 |

| ∠ Ara: jpa_libs |
|-----------------|
| Boyut |
| File 6 K |
| File 434 K |
| File 114 K |
| File 303 K |
| File 274 K |
| File 66 k |
| File 2.223 k |
| File 117 K |
| File 307 k |
| File 62 K |
| File 581 k |
| File 13 K |
| File 359 k |
| File 804 k |
| File 694 k |
| File 51 K |
| File 15 K |
| File 9 K |
| |

- - ⇒ Mark System Library [JavaSE-1.8]
 - > 🕮 src
- v 📂 BesinciHaftaJava Aksam
 - - - > 🗾 Demo.java
 - > A DemoView.java
 - →

 ⊕ com.mergeCons.egitim.util
 - > 🗓 EntityUtil.java
 - ✓ META-INF
 - → persistence.xml
 - log4j.properties
 - ⇒ Mathematical System Library [jre1.8.0_251]
 - > Apache Tomcat v7.0 [Apache Tomcat v7.0 (3)]
 - > Meb App Libraries
 - > 🗁 ant
 - JavaSource
 - > > WebContent

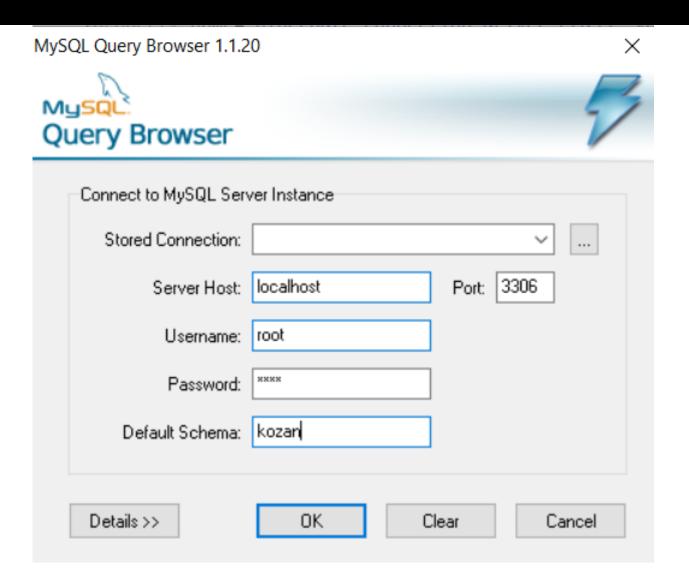
→ WebContent > > META-INF 🗸 🗁 lib ant-antlr.jar antlr-runtime.jar antlr.jar common-annotations.jar commons-beanutils.jar commons-collections.jar commons-digester.jar commons-logging.jar 🗐 dom4j.jar hibernate-annotations.jar 🗐 hibernate-commons-annotations.jar hibernate-core.jar language in the language in th libernate-search.jar la hibernate-validator.jar javassist.jar 🗐 jstl.jar 🗐 jta.jar 🗐 log4j.jar lucene-core.jar mysql-connector-java-5.1.7-bin.jar persistence-api.jar primefaces-5.0.jar 🗐 slf4j-api.jar 🗐 slf4j-log4j12.jar

standard.jar
faces-config.xml

web.xml

```
faces-config.xml
                 package com.mergeCons.egitim.util;
 3 import javax.persistence.EntityManager;
   public class EntityUtil {
        private static EntityManagerFactory entityManagerFactory;
 8
 9
        public static final ThreadLocal<EntityManager> threadLocal = new ThreadLocal<EntityManager>();
10
11⊜
        public static EntityManagerFactory getEntityManagerFactory() {
           if (entityManagerFactory == null) {
12
13
                entityManagerFactory = Persistence
                        .createEntityManagerFactory("baglantiBir");
14
15
16
           return entityManagerFactory;
17
18
19⊜
        public static EntityManager getEntityManager() {
           EntityManager entityManager = threadLocal.get();
20
           if (entityManager == null) {
21
22
                entityManager = getEntityManagerFactory().createEntityManager();
23
                threadLocal.set(entityManager);
24
25
           return entityManager;
26
27 }
28
```

```
faces-config.xml
                 EntityUtil.java
                                ♣ *persistence.xml ≅
 1 <?xml version="1.0" encoding="UTF-8"?>
 2⊖ <persistence version="1.0"
        xmlns="http://java.sun.com/xml/ns/persistence" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        xsi:schemaLocation="http://java.sun.com/xml/ns/persistence
   http://java.sun.com/xml/ns/persistence/persistence 1 0.xsd">
 6
 70
        <persistence-unit name="baglantiBir" transaction-type="RESOURCE LOCAL">
            org.hibernate.ejb.HibernatePersistence
 8
 90
            properties>
                cproperty name="hibernate.dialect" value="org.hibernate.dialect.MySQLDialect" />
10
                cproperty name="hibernate.connection.driver class" value="com.mysql.jdbc.Driver" />
11
                cproperty name="hibernate.connection.password" value="root" />
12
                property name="hibernate.connection.username" value="root" />
13
                cproperty name="hibernate.connection.url" value="jdbc:mysql://localhost:3306/ankara gazi" />
14
                roperty name="hibernate.cache.provider class" value="org.hibernate.cache.NoCacheProvider" />
15
                property name="hibernate.hbm2ddl.auto" value="update" />
16
17
                kproperty name="hibernate.show_sql" value="true" />
18
                property name="hibernate.format sql" value="true" />
                property name="hibernate.connection.autocommit" value="true" />
19
20
            </properties>
        </persistence-unit>
21
22
23
24 </persistence>
```





```
☑ Demo.java 
☒
persistence.xml
                 Giris.xhtml
                              MayitListele.xhtml
  1 import javax.persistence.Column; □
    @Entity
   @Table(name = "GaziUni")
    public class Demo {
10⊜
        @Id
        @GeneratedValue
11
12
        private Long id;
13⊜
        @Column(name = "ISIM_ALAN_ADI")
14
        private String ad;
15
        private String soyad;
16
        private Integer yas;
17
18⊜
        public String getAd() {
19
            return ad;
20
21
22⊜
        public void setAd(String ad) {
23
            this.ad = ad;
24
25
```

```
faces-config.xml
                 EntityUtil.java
                                                               persistence.xml
                                                 Demo.java
 8 public class DemoView {
        private Demo demo = new Demo();
        private List<Demo> listele = new ArrayList<Demo>();
10
11
        private String kullaniciAdi;
12
       private String sifre;
13
149
        public String giris() {
15
           if (kullaniciAdi.equals("Sinan") && sifre.equals("12345"))
16
                return "dogru";
17
            else
18
                return "yanlis";
19
20
21⊜
        public void kaydet() {
22
            EntityManager en = EntityUtil.getEntityManager();
23
            en.getTransaction().begin();
24
           en.persist(demo);
25
            en.getTransaction().commit();
26
           demo = new Demo();
27
        }
28
29⊜
        public void sil() {
30
            EntityManager en = EntityUtil.getEntityManager();
31
            en.getTransaction().begin();
32
           en.remove(demo);
33
            en.getTransaction().commit();
           demo = new Demo();
34
35
        }
```

```
37⊜
        public void duzenle() {
            EntityManager en = EntityUtil.getEntityManager();
 38
            en.getTransaction().begin();
 39
            en.merge(demo);
 40
            en.getTransaction().commit();
 41
            demo = new Demo();
 42
 43
 44
45⊜
        public List<Demo> getKayitListesi() {
            EntityManager en = EntityUtil.getEntityManager();
 46
47
            return en.createQuery("from Demo").getResultList();
 48
 49
 50
 51⊜
        public Demo getDemo() {
 52
            return demo;
 53
 54
        public void setDemo(Demo demo) {
 55⊜
            this.demo = demo;
 56
 57
```

```
8 <h:head></h:head>
9⊜<body>
       <f:view>
10⊝
           <h:form>
11⊜
                <h:panelGrid columns="2">
12<sup>-</sup>
                    Ad:<h:inputText value="#{demoView.demo.ad}" />
13
                   Soyad:<h:inputText value="#{demoView.demo.soyad}" />
14
                   Yas:<h:inputText value="#{demoView.demo.yas}" />
15
                    <h:commandButton action="#{demoView.kaydet()}" value="KAYDET"
16
                        rendered="#{demoView.demo.ad==null}" />
17
18
                    <h:commandButton action="#{demoView.duzenle()}" value="GUNCELLE"</pre>
19
                        rendered="#{demoView.demo.ad!=null}" />
                    <h:commandButton action="geri" value="Geri" />
20
                </h:panelGrid>
21
                <p:dataTable value="#{demoView.kayitListesi}" var="sn">
22⊖
                    <f:facet name="header"> Kayit Listesi</f:facet>
23
24⊜
                    <p:column>
25
                        <f:facet name="header"> Kayit Sec</f:facet>
                        <h:commandLink value="Sec">
26⊜
                            <f:setPropertyActionListener value="#{sn}"</pre>
27
                                target="#{demoView.demo}" />
28
29
                        </h:commandLink>
                    </p:column>
30
                    <p:column>
31⊜
                        <f:facet name="header"> Kayit Sil</f:facet>
32
                        <h:commandLink action="#{demoView.sil()}" value="Sil">
33⊜
                            <f:setPropertyActionListener value="#{sn}"</pre>
34⊜
35
                                target="#{demoView.demo}"></f:setPropertyActionListener>
                        </h:commandLink>
36
                    </p:column>
37
```

```
38⊜
                   <p:column>
                       <f:facet name="header"> Ad </f:facet>
39
40
                       <h:outputText value="#{sn.ad}" />
41
                   </p:column>
                   <p:column>
420
43
                       <f:facet name="header"> Soyad </f:facet>
                       <h:outputText value="#{sn.soyad}" />
44
45
                   </p:column>
46⊜
                   <p:column>
                       <f:facet name="header"> Yas </f:facet>
47
                       <h:outputText value="#{sn.yas}" />
48
49
                   </p:column>
               </p:dataTable>
50
           </h:form>
51
       </f:view>
52
```



| $\leftarrow \rightarrow G$ | (i) localhost:8080/BesinciHaftaJava_Aksam/KayitListele.jsf | | | | | | | |
|-----------------------------|--|--|--------------------------|-----------------------|----------------------|----------------------|--------------------|--|
| Uygulamalar | Installing a Python | Tensorflow :: Anaco Time Series Predicti | Multi-Class Text Cla tds | LSTM to Predict Sto K | Sentiment classifica | understanding RM K C | Optimizers - Keras | |
| Ad: Soyad: Yas: KAYDET Gen | ri | | | | | | | |
| | | | Kayit | t Listesi | | | | |
| | Kayit Sec | Kayit Sil | | Ad | | Soyad | Yas | |
| <u>Sec</u> | | <u>Sil</u> | Sinan | | Toklu | | 107 | |



```
Ogrencild.java
1 import java.io.Serializable;
  16
  17 @Entity
  18 @Table(name = "Sinan")
😘 19 public class Ogrenci implements Serializable {
  20⊜
          * @TableGenerator(name = "id al", table = "toklu", pkColumnName = "entity Adi",
  21
          * valueColumnName = "deger", allocationSize = 10, pkColumnValue = "Ogrenci")
  22
  23
  24
          * @Id
  25
  26
          * @GeneratedValue(strategy = GenerationType.TABLE, generator = "id al") private
  27
          * Long id;
  28
          */
         @EmbeddedId
  29⊜
  30
         private OgrenciId id2;
         private String ad;
  31
         private String soyad;
  32
  33
         // @Range(min = 3, max = 7, message = "Yas 3 ile 7 arasinda olmali")
         private Integer yas;
  34
         // @Future
  35
         private Date tarih;
  36
         // @Future
  37
         private Date cikisTarihi;
  38
         // @Email
  39
         private String email;
  40
         @Version
  410
         private Integer versiyonNum;
  42
  43
         public String getAd() {
  440
             return ad;
  45
  46
  47
```

```
Ogrenci.java
              🔑 DemoView.java 🖾 🔑 Ogrencild.java
  1 import java.util.List;
    import javax.persistence.EntityManager;
    import com.mergeCons.egitim.util.EntityUtil;
  6
    public class DemoView {
        private Ogrenci ogrenci = new Ogrenci();
  9
10⊕
        public void kaydet() {
            EntityManager en = EntityUtil.getEntityManager();
11
            en.getTransaction().begin();
12
13
            en.persist(ogrenci);
            en.getTransaction().commit();
14
            ogrenci = new Ogrenci();
15
16
17
        public void sil() {
18⊜
19
            EntityManager en = EntityUtil.getEntityManager();
20
            en.getTransaction().begin();
            en.remove(ogrenci);
21
22
            en.getTransaction().commit();
23
            ogrenci = new Ogrenci();
24
        }
2E
```

```
26⊜
        public void guncelle() {
27
            EntityManager en = EntityUtil.getEntityManager();
            en.getTransaction().begin();
28
           en.merge(ogrenci);
29
            en.getTransaction().commit();
30
31
            ogrenci = new Ogrenci();
32
33
34⊜
        public List<Ogrenci> getListe() {
            EntityManager en = EntityUtil.getEntityManager();
35
36
            return en.createQuery("from Ogrenci").getResultList();
37
38
```

```
DemoView.java
Ogrenci.java
 1 import java.io.Serializable; □
  5 @Embeddable
   public class OgrenciId implements Serializable {
        private Long kimlikNo;
        private String ulkeKodu;
 9
10⊝
        public Long getKimlikNo() {
11
            return kimlikNo;
12
13
        public void setKimlikNo(Long kimlikNo) {
149
15
           this.kimlikNo = kimlikNo;
16
17
        public String getUlkeKodu() {
18⊜
           return ulkeKodu;
19
20
21
22⊜
        public void setUlkeKodu(String ulkeKodu) {
23
           this.ulkeKodu = ulkeKodu;
24
25 }
26
```

```
Ogrenci.java
              DemoView.java
                               Ogrencild.java
                                               1 k!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xl
     20<html xmlns="http://www.w3.org/1999/xhtml"
           xmlns:ui="http://java.sun.com/jsf/facelets"
           xmlns:f="http://java.sun.com/jsf/core"
           xmlns:p="http://primefaces.org/ui"
           xmlns:h="http://java.sun.com/jsf/html">
     8 <h:head></h:head>
9⊜<body>
           <f:view>
    10⊝
113h

□3h
    11⊜
                <h:form>
    12⊜
                    <h:panelGrid columns="2">
                       Ad:<h:inputText value="#{demoView.ogrenci.ad}" />
    13
    14
                       Soyad:<h:inputText value="#{demoView.ogrenci.soyad}" />
                       Yas:<h:inputText value="#{demoView.ogrenci.yas}" />
    15
                       Giris Tarih:<p:calendar value="#{demoView.ogrenci.tarih}" />
    16
    17
                       Cikis Tarih:<p:calendar value="#{demoView.ogrenci.cikisTarihi}" />
    18
                        E mail:<h:inputText value="#{demoView.ogrenci.email}" />
    19
                        <h:commandButton action="#{demoView.kaydet()}" value="Kaydet" />
    20
                        <h:commandButton action="#{demoView.guncelle()}" value="Guncelle" />
    21
                   </h:panelGrid>
                   <p:dataTable value="#{demoView.liste}" var="cls">
    220
    23
                       <f:facet name="header">Ogrenci Listesi</f:facet>
                        <p:column>
    24⊜
                           <f:facet name="header">Kayit Sec</f:facet>
    25
                            <h:commandLink value="Sec">
    26⊜
    27
                                <f:setPropertyActionListener value="#{cls}"
    28
                                   target="#{demoView.ogrenci}" />
                            </h:commandLink>
    29
    30
                        </p:column>
```