

# Web Programlama Dersi 3.Hafta

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# JSF Yönlendirme

Giris.java

```
1 |
2 public class Giris {
3     private String kullnaiciAdi;
4     private String sifre;
5
6     public String giris() {
7         if (kullnaiciAdi.equals("Sinan") && sifre.equals("123"))
8             return "dogru";
9         else
10            return "yanlis";
11    }
12
13    public String getKullnaiciAdi() {
14        return kullnaiciAdi;
15    }
16
17    public void setKullnaiciAdi(String kullnaiciAdi) {
18        this.kullnaiciAdi = kullnaiciAdi;
19    }
20 }
```

# JSF Yönlendirme

Giris.java

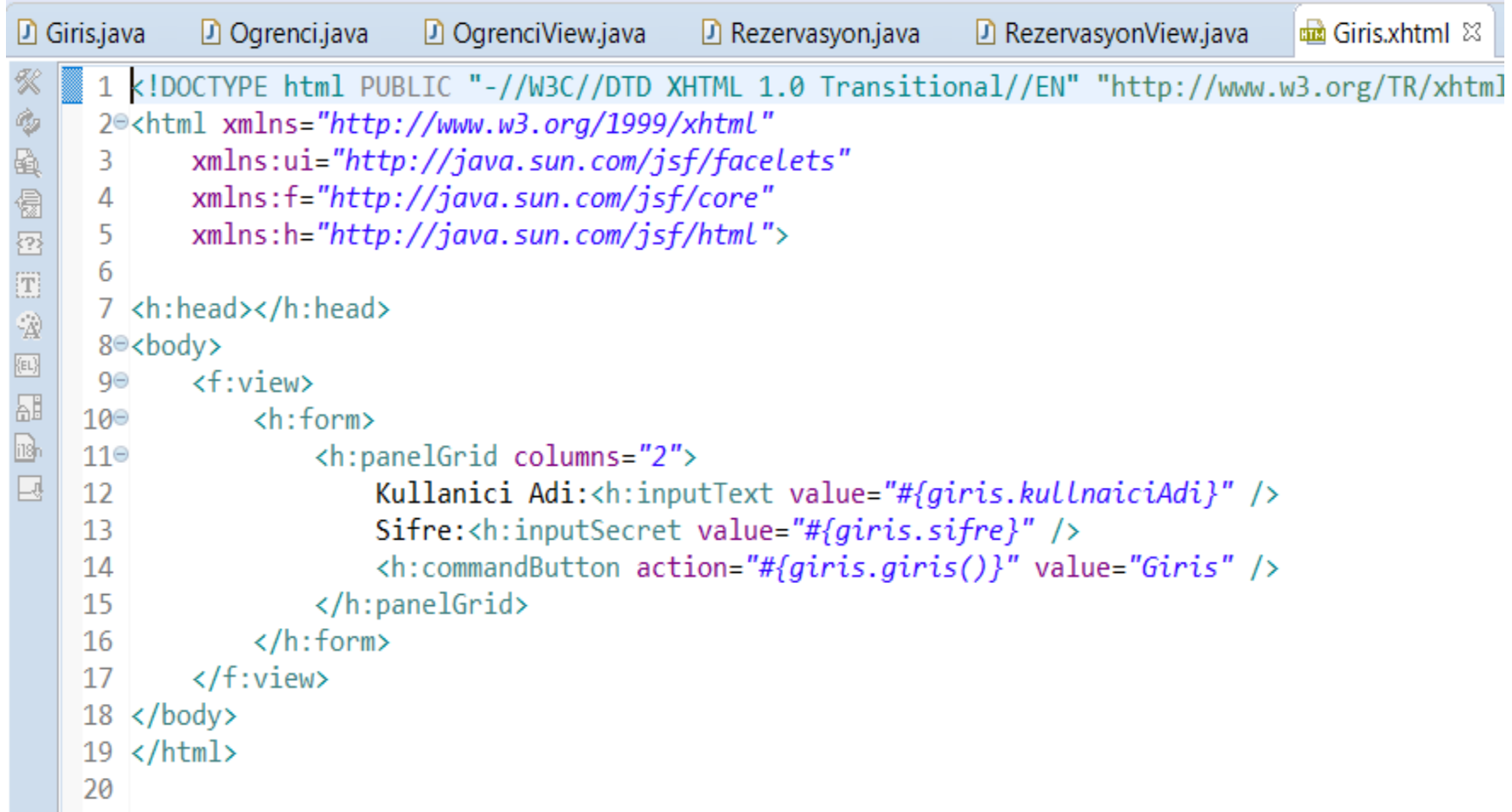
Ogrenci.java ✕

```
1 public class Ogrenci {  
2     private String ad;  
3     private String soyad;  
4     private Integer yas;  
5     private String adres;  
6  
7     public String getAd() {  
8         return ad;  
9     }  
10  
11     public void setAd(String ad) {  
12         this.ad = ad;  
13     }  
14 }
```

# JSF YÖNLENDİRME

```
Giris.java  Ogrenci.java  OgrenciView.java ✖
1+ import java.util.ArrayList;
2
3
4 public class OgrenciView {
5     private Ogrenci ogrenci = new Ogrenci();
6     private List<Ogrenci> listele = new ArrayList<Ogrenci>();
7
8     public void kaydet() {
9         listele.add(ogrenci);
10        ogrenci = new Ogrenci();
11    }
12
13    public void sil() {
14        listele.remove(ogrenci);
15        ogrenci = new Ogrenci();
16    }
17
18    public void guncelle() {
19        ogrenci = new Ogrenci();
20    }
21
22    public Ogrenci getOgrenci() {
23        return ogrenci;
24    }
25
26    public void setOgrenci(Ogrenci ogrenci) {
27        this.ogrenci = ogrenci;
28    }
```

# JSF YÖNLENDİRME



```
Giris.java  Ogrenci.java  OgrenciView.java  Rezervasyon.java  RezervasyonView.java  Giris.xhtml x
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1
2 <html xmlns="http://www.w3.org/1999/xhtml"
3     xmlns:ui="http://java.sun.com/jsf/facelets"
4     xmlns:f="http://java.sun.com/jsf/core"
5     xmlns:h="http://java.sun.com/jsf/html">
6
7 <h:head></h:head>
8 <body>
9     <f:view>
10         <h:form>
11             <h:panelGrid columns="2">
12                 Kullanici Adi:<h:inputText value="#{giris.kullnaiciAdi}" />
13                 Sifre:<h:inputSecret value="#{giris.sifre}" />
14                 <h:commandButton action="#{giris.giris()}" value="Giris" />
15             </h:panelGrid>
16         </h:form>
17     </f:view>
18 </body>
19 </html>
20
```

# JSF YÖNLENDİRME

Giris.java Ogrenci.java OgrenciView.ja... Rezervasyon.ja... RezervasyonVie... Giriş.xhtml OgrenciKayitLi...

```
9<body>
10<f:view>
11<h:form>
12<h:panelGrid columns="2">
13    Ad:<h:inputText value="#{ogrenciView.ogrenci.ad}" />
14    Soyad:<h:inputText value="#{ogrenciView.ogrenci.soyad}" />
15    Yas:<h:inputText value="#{ogrenciView.ogrenci.yas}" />
16    Adres:<h:inputText value="#{ogrenciView.ogrenci.adres}" />
17    <h:commandButton action="#{ogrenciView.kaydet()}" value="Kaydet"
18        rendered="#{ogrenciView.ogrenci.ad!=null}" />
19    <h:commandButton action="#{ogrenciView.guncelle()}" value="Guncelle"
20        rendered="#{ogrenciView.ogrenci.ad!=null}" />
21    <h:commandLink action="Geri" value="Geri" />
22</h:panelGrid>
23<p:dataTable value="#{ogrenciView.listele}" var="ogr">
24    <f:facet name="header">Ogrenci Kayit Listesi</f:facet>
25    <p:column>
26        <f:facet name="header"> Kayit Guncelle</f:facet>
27        <h:commandLink value="Seç">
28            <f:setPropertyActionListener value="#{ogr}"
29                target="#{ogrenciView.ogrenci}" />
30        </h:commandLink>
31    </p:column>
32    <p:column>
33        <f:facet name="header"> Kayit Sil</f:facet>
34        <h:commandLink action="#{ogrenciView.sil()}" value="Sil">
35            <f:setPropertyActionListener value="#{ogr}"
36                target="#{ogrenciView.ogrenci}" />
37        </h:commandLink>
38    </p:column>
```

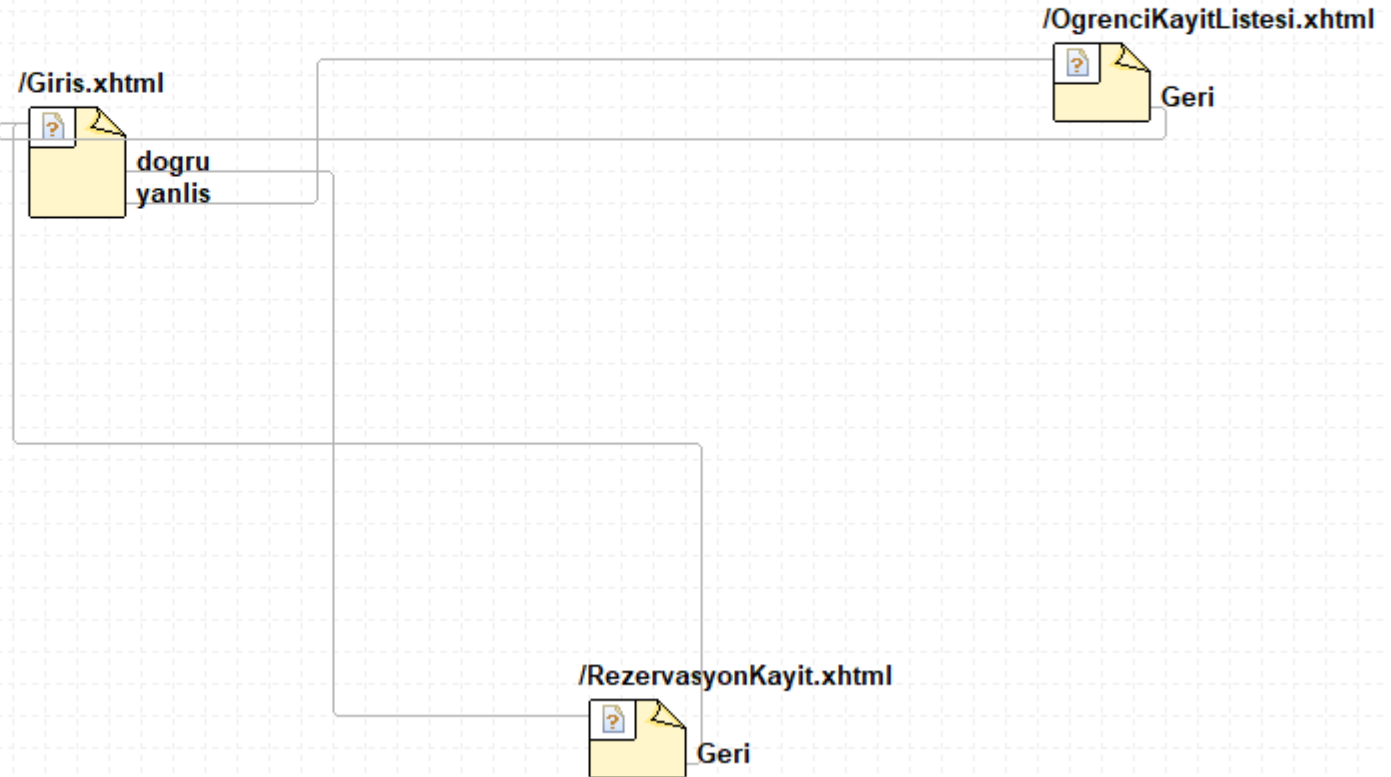
Lir

# JSF YÖNLENDİRME

```
39< p:column>
40    <f:facet name="header">Ad</f:facet>
41    <h:outputText value="#{ogr.ad}" />
42</p:column>
43< p:column>
44    <f:facet name="header">Soyad</f:facet>
45    <h:outputText value="#{ogr.soyad}" />
46</p:column>
47< p:column>
48    <f:facet name="header">Yas</f:facet>
49    <h:outputText value="#{ogr.yas}" />
50</p:column>
51< p:column>
52    <f:facet name="header">Adres</f:facet>
53    <h:outputText value="#{ogr.adres}" />
54</p:column>
55</p:dataTable>
56</h:form>
57</f:view>
58</body>
59</html>
```

# JSF YÖNLENDİRME

faces-config.xml









# JSF YÖNLENDİRME

```
21- <navigation-rule>
22     <from-view-id>/Giris.xhtml</from-view-id>
23-   <navigation-case>
24       <from-outcome>dogru</from-outcome>
25       <to-view-id>/RezervasyonKayit.xhtml</to-view-id>
26   </navigation-case>
27-   <navigation-case>
28       <from-outcome>yanlis</from-outcome>
29       <to-view-id>/OgrenciKayitListesi.xhtml</to-view-id>
30   </navigation-case>
31 </navigation-rule>
32
33- <navigation-rule>
34     <from-view-id>/RezervasyonKayit.xhtml</from-view-id>
35-   <navigation-case>
36       <from-outcome>Geri</from-outcome>
37       <to-view-id>/Giris.xhtml</to-view-id>
38   </navigation-case>
39 </navigation-rule>
40- <navigation-rule>
41     <from-view-id>/OgrenciKayitListesi.xhtml</from-view-id>
42-   <navigation-case>
43       <from-outcome>Geri</from-outcome>
44       <to-view-id>/Giris.xhtml</to-view-id>
45   </navigation-case>
46 </navigation-rule>
47 </faces-config>
```

# JPA KURULUM



















DATA (D:) > Sinan > jpa\_kurulum > jpa\_mysql\_dosyalar

Ad	Değiştirme tarihi
 jpa_libs	2.01.2021 20:58
 EntityUtil.java	23.01.2011 10:48
 log4j.properties	23.01.2011 10:51
 persistence.xml	23.01.2011 10:34




















# JPA KURULUM

DATA (D:) > Sinan > jpa\_kurulum > jpa\_mysql\_dosyalar > jpa\_libs

Ara: jpa\_libs

Ad	Değiştirme tarihi	Tür	Boyut
 ant-antlr.jar	30.01.2010 13:31	Executable Jar File	6 KB
 antlr.jar	30.01.2010 13:31	Executable Jar File	434 KB
 antlr-runtime.jar	30.01.2010 13:31	Executable Jar File	114 KB
 dom4j.jar	30.01.2010 13:38	Executable Jar File	303 KB
 hibernate-annotations.jar	30.01.2010 13:31	Executable Jar File	274 KB
 hibernate-commons-annotations.jar	30.01.2010 13:31	Executable Jar File	66 KB
 hibernate-core.jar	30.01.2010 13:31	Executable Jar File	2.223 KB
 hibernate-entitymanager.jar	30.01.2010 13:31	Executable Jar File	117 KB
 hibernate-search.jar	30.01.2010 13:31	Executable Jar File	307 KB
 hibernate-validator.jar	30.01.2010 13:31	Executable Jar File	62 KB
 javassist.jar	31.01.2010 13:02	Executable Jar File	581 KB
 jta.jar	31.01.2010 13:07	Executable Jar File	13 KB
 log4j.jar	30.01.2010 13:39	Executable Jar File	359 KB
 lucene-core.jar	31.01.2010 13:27	Executable Jar File	804 KB
 mysql-connector-java-5.1.7-bin.jar	31.01.2010 13:26	Executable Jar File	694 KB
 persistence-api.jar	31.01.2010 13:09	Executable Jar File	51 KB
 slf4j-api.jar	30.01.2010 13:38	Executable Jar File	15 KB
 slf4j-log4j12.jar	30.01.2010 13:38	Executable Jar File	9 KB

# JPA KURULUM

- ▼  BesinciHaftaAksam
  - >  JRE System Library [JavaSE-1.8]
  - >  src
- ▼  BesinciHaftaJava Aksam
  - ▼  src
    - ▼  (default package)
      - >  Demo.java
      - >  DemoView.java
    - ▼  com.mergeCons.egitim.util
      - >  EntityUtil.java
    - ▼  META-INF
      -  persistence.xml
      -  log4j.properties
  - >  JRE System Library [jre1.8.0\_251]
  - >  Apache Tomcat v7.0 [Apache Tomcat v7.0 (3)]
  - >  Web App Libraries
  - >  ant
    -  JavaSource
  - >  WebContent

# JPA KURULUM

- ▼ WebContent
  - > META-INF
  - ▼ WEB-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
      - hibernate-entitymanager.jar
      - hibernate-search.jar
      - 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

# JPA KURULUM

```
faces-config.xml EntityUtil.java
1 package com.mergeCons.egitim.util;
2
3 import javax.persistence.EntityManager;
4
5
6
7 public class EntityUtil {
8     private static EntityManagerFactory entityManagerFactory;
9     public static final ThreadLocal<EntityManager> threadLocal = new ThreadLocal<EntityManager>();
10
11     public static EntityManagerFactory getEntityManagerFactory() {
12         if (entityManagerFactory == null) {
13             entityManagerFactory = Persistence
14                 .createEntityManagerFactory("baglantiBir");
15         }
16         return entityManagerFactory;
17     }
18
19     public static EntityManager getEntityManager() {
20         EntityManager entityManager = threadLocal.get();
21         if (entityManager == null) {
22             entityManager = getEntityManagerFactory().createEntityManager();
23             threadLocal.set(entityManager);
24         }
25         return entityManager;
26     }
27 }
28
```

# JPA KURULUM

```
faces-config.xml EntityUtil.java *persistence.xml
1 <?xml version="1.0" encoding="UTF-8"?>
2 <persistence version="1.0"
3     xmlns="http://java.sun.com/xml/ns/persistence" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4     xsi:schemaLocation="http://java.sun.com/xml/ns/persistence
5 http://java.sun.com/xml/ns/persistence/persistence_1_0.xsd">
6
7     <persistence-unit name="baglantiBir" transaction-type="RESOURCE_LOCAL">
8         <provider>org.hibernate.ejb.HibernatePersistence</provider>
9         <properties>
10             <property name="hibernate.dialect" value="org.hibernate.dialect.MySQLDialect" />
11             <property name="hibernate.connection.driver_class" value="com.mysql.jdbc.Driver" />
12             <property name="hibernate.connection.password" value="root" />
13             <property name="hibernate.connection.username" value="root" />
14             <property name="hibernate.connection.url" value="jdbc:mysql://localhost:3306/ankara_gazi" />
15             <property name="hibernate.cache.provider_class" value="org.hibernate.cache.NoCacheProvider" />
16             <property name="hibernate.hbm2ddl.auto" value="update" />
17             <property name="hibernate.show_sql" value="true" />
18             <property name="hibernate.format_sql" value="true" />
19             <property name="hibernate.connection.autocommit" value="true" />
20         </properties>
21     </persistence-unit>
22
23
24 </persistence>
```

# JPA KURULUM

MySQL Query Browser 1.1.20

MySQL Query Browser

Connect to MySQL Server Instance

Stored Connection:  ...

Server Host:  Port:

Username:

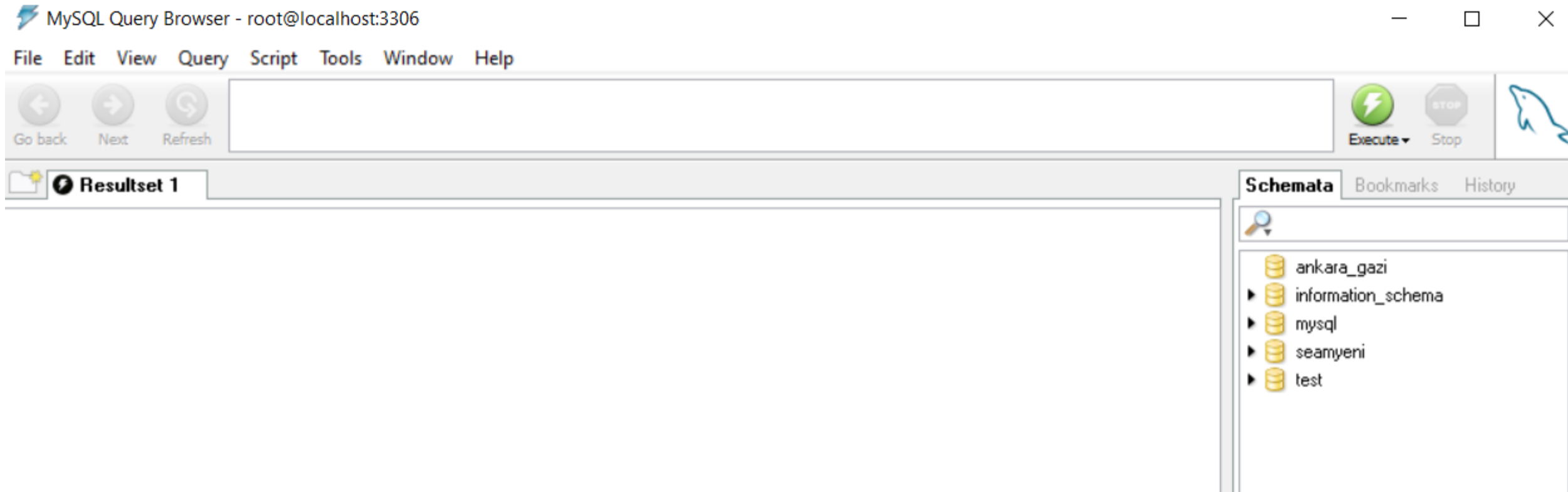
Password:

Default Schema:

Details >> OK Clear Cancel



# JPA KURULUM



# JSF-JPA-MODEL

persistence.xml    Giriş.xhtml    KayıtListele.xhtml    Demo.java

```
1+ import javax.persistence.Column;
6
7 @Entity
8 @Table(name = "GaziUni")
9 public class Demo {
10     @Id
11     @GeneratedValue
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
```

# JSF-JPA-MODEL

faces-config.xml EntityUtil.java persistence.xml Demo.java DemoView.java

```
/
8 public class DemoView {
9     private Demo demo = new Demo();
10    private List<Demo> listele = new ArrayList<Demo>();
11    private String kullaniciAdi;
12    private String sifre;
13
14    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();
34        demo = new Demo();
35    }
```

# JSF-JPA-MODEL

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

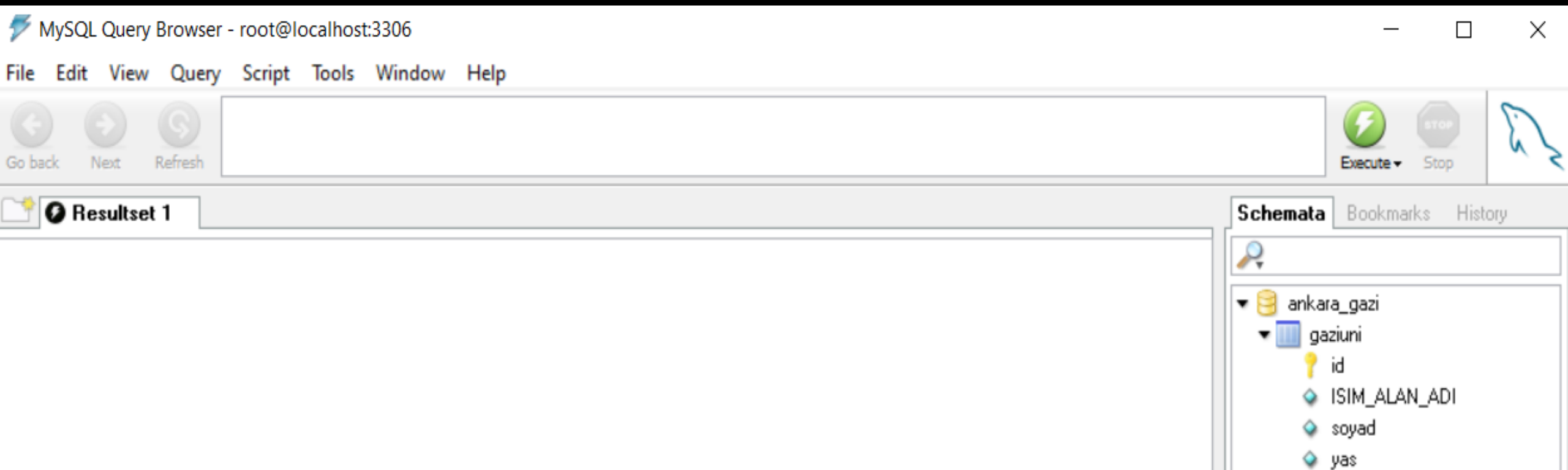
# JSF-JPA-MODEL

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

# JSF-JPA-MODEL

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

# JSF-JPA-MODEL



# JSF-JPA-MODEL

← → ↻ ⓘ localhost:8080/BesinciHaftaJava\_Aksam/KayitListele.jsf ☆

Uygulamalar tds Installing a Python... TensorFlow :: Anaco... Time Series Predicti... tds Multi-Class Text Cla... tds LSTM to Predict Sto... K Sentiment classifica... tds Understanding RM... K Optimizers - Keras...

Ad:   
Soyad:   
Yas:

KAYDET Geri

Kayit Listesi				
Kayit Sec	Kayit Sil	Ad	Soyad	Yas
<u>Sec</u>	<u>Sil</u>	Sinan	Toklu	107



# JSF-JPA-MODEL

MySQL Query Browser - root@localhost:3306

File Edit View Query Script Tools Window Help

Go back Next Refresh

```
SELECT * FROM ankara_gazi.gaziuni d;
```

Execute Stop

Resultset 1

	id	ISIM_ALAN_ADI	soyad	yas
▶	1	Sinan	Toklu	107

Schemata

- ankara\_gazi
  - gaziuni
- information\_schema
- mysql
- seamyei
- test

# JSF-JPA-MODEL

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

# JSF-JPA-MODEL

```
Ogrenci.java  DemoView.java  Ogrencild.java
1 import java.util.List;
2
3 import javax.persistence.EntityManager;
4
5 import com.mergeCons.egitim.util.EntityUtil;
6
7 public class DemoView {
8     private Ogrenci ogrenci = new Ogrenci();
9
10    public void kaydet() {
11        EntityManager en = EntityUtil.getEntityManager();
12        en.getTransaction().begin();
13        en.persist(ogrenci);
14        en.getTransaction().commit();
15        ogrenci = new Ogrenci();
16    }
17
18    public void sil() {
19        EntityManager en = EntityUtil.getEntityManager();
20        en.getTransaction().begin();
21        en.remove(ogrenci);
22        en.getTransaction().commit();
23        ogrenci = new Ogrenci();
24    }
25 }
```

# JSF-JPA-MODEL

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

# JSF-JPA-MODEL

```
Ogrenci.java  DemoView.java  OgrenciId.java ✖
1+ import java.io.Serializable;
4
5 @Embeddable
6 public class OgrenciId implements Serializable {
7     private Long kimlikNo;
8     private String ulkeKodu;
9
10    public Long getKimlikNo() {
11        return kimlikNo;
12    }
13
14    public void setKimlikNo(Long kimlikNo) {
15        this.kimlikNo = kimlikNo;
16    }
17
18    public String getUlkeKodu() {
19        return ulkeKodu;
20    }
21
22    public void setUlkeKodu(String ulkeKodu) {
23        this.ulkeKodu = ulkeKodu;
24    }
25 }
26
```

# JSF-JPA-MODEL



```
Ogresci.java DemoView.java Ogrescild.java Ogresci.xhtml
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
2 <html xmlns="http://www.w3.org/1999/xhtml"
3       xmlns:ui="http://java.sun.com/jsf/facelets"
4       xmlns:f="http://java.sun.com/jsf/core"
5       xmlns:p="http://primefaces.org/ui"
6       xmlns:h="http://java.sun.com/jsf/html">
7
8 <h:head></h:head>
9 <body>
10 <f:view>
11 <h:form>
12 <h:panelGrid columns="2">
13     Ad:<h:inputText value="#{demoView.ogrenci.ad}" />
14     Soyad:<h:inputText value="#{demoView.ogrenci.soyad}" />
15     Yas:<h:inputText value="#{demoView.ogrenci.yas}" />
16     Giris Tarih:<p:calendar value="#{demoView.ogrenci.tarih}" />
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>
22 <p:dataTable value="#{demoView.liste}" var="cls">
23     <f:facet name="header">Ogresci Listesi</f:facet>
24     <p:column>
25         <f:facet name="header">Kayit Sec</f:facet>
26         <h:commandLink value="Sec">
27             <f:setPropertyActionListener value="#{cls}"
28                 target="#{demoView.ogrenci}" />
29         </h:commandLink>
30     </p:column>
```

# JSF-JPA-MODEL



The screenshot shows an IDE with four tabs: Oğrenci.java, DemoView.java, Oğrenci.java, and Oğrenci.xhtml. The Oğrenci.xhtml tab is active, displaying the following XHTML code:

```
31<p:column>
32    <f:facet name="header">Kayit Sil</f:facet>
33    <h:commandLink action="#{demoView.sil()}" value="Sil">
34        <f:setPropertyActionListener value="#{cls}"
35            target="#{demoView.ogrenci}" />
36    </h:commandLink>
37</p:column>
38<p:column>
39    <f:facet name="header">Ad</f:facet>
40    <h:outputText value="#{cls.ad}" />
41</p:column>
42<p:column>
43    <f:facet name="header">Soyad</f:facet>
44    <h:outputText value="#{cls.soyad}" />
45</p:column>
46<p:column>
47    <f:facet name="header">Yas</f:facet>
48    <h:outputText value="#{cls.yas}" />
49</p:column>
50<p:column>
51    <f:facet name="header">Giris Tarihi</f:facet>
52    <h:outputText value="#{cls.tarih}" />
53</p:column>
54<p:column>
55    <f:facet name="header">Cikis Tarihi</f:facet>
56    <h:outputText value="#{cls.cikisTarihi}" />
57</p:column>
58<p:column>
59    <f:facet name="header">E-Mail</f:facet>
60    <h:outputText value="#{cls.email}" />
61</p:column>
62</p:dataTable>
63</h:form>
```

# Prime Faces Örnek Gösterim

← → ↻ primefaces.org/showcase/ui/input/oneRadio.xhtml?jfwid=95206

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**PRIME FACES** ⚡

Search by name...

- Rating
- SelectBooleanButton
- SelectBooleanCheckbox
- SelectOneButton
- SelectOneRadio**
- SelectCheckboxMenu
- SelectOneMenu
- SelectOneListbox
- SelectManyButton
- SelectManyMenu
- SelectManyCheckbox
- Signature

## SelectOneRadio

SelectOneRadio is used to choose a single item from a collection.

### Basic

☐ Option1 ☐ Option2 ☐ Option3

### Grid

☐ Miami ☐ London ☐ Paris  
☐ Istanbul ☐ Berlin ☐ Barcelona  
☐ Rome ☐ Brasilia ☐ Amsterdam

### Responsive

☐ Miami ☐ London ☐ Paris  
☐ Istanbul ☐ Berlin ☐ Barcelona  
☐ Rome ☐ Brasilia ☐ Amsterdam