

---

# Üst Düzey Programlama

## JDBC-2 (Java Database Connectivity)

```
<?xml version="1.0" encoding="UTF-8"?>
<web-app version="2.4" xmlns="http://java.sun.com/xml/ns/j2ee" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  <servlet>
    <servlet-name>TablolTest01</servlet-name>
    <servlet-class>ce.ders07.TablolTest01</servlet-class>
  </servlet>
  <servlet-mapping>
    <servlet-name>TablolTest01</servlet-name>
    <url-pattern>/TablolTest01</url-pattern>
  </servlet-mapping>
  <session-config>
    <session-timeout>
      30
    </session-timeout>
  </session-config>
  <welcome-file-list>
    <welcome-file>
      index.jsp
    </welcome-file>
  </welcome-file-list>
  <context-param>
    <param-name>javax.servlet.jsp.jstl.sql.dataSource</param-name>
    <param-value>jdbc:mysql://127.0.0.1/test,com.mysql.jdbc.Driver,mustafa,mustafa</param-value>
  </context-param>
</web-app>
```

JSTL etiketleri bu parametreyi kullanir

```
<%@page contentType="text/html"%>
<%@page pageEncoding="UTF-8"%>

<%@taglib uri="http://java.sun.com/jsp/jstl/sql" prefix="sql"%>
<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
```

```
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>JSP Page</title>
  </head>
  <body>
    <sql:query var="sonuc">
      select * from tablo01
    </sql:query>
    <table border="1">
      <c:forEach var="satir" items="{sonuc.rows}">
        <tr>
          <td><c:out value="{satir.id}"/></td>
          <td><c:out value="{satir.ad}"/></td>
          <td><c:out value="{satir.soyad}"/></td>
        </tr>
      </c:forEach>
    </table>
  </body>
</html>
```

```
<%@page contentType="text/html"%>
<%@page pageEncoding="UTF-8"%>

<%@taglib uri="http://java.sun.com/jsp/jstl/sql" prefix="sql"%>
<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>

<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>JSP Page</title>
  </head>
  <body>
    <sql:setDataSource dataSource="jdbc:mysql://127.0.0.1/test"
      var="dSource" scope="application" driver="com.mysql.jdbc.Driver"
      user="mustafa" password="mustafa"/>

    <sql:query var="sonuc" dataSource="dSource">
      select * from tablo01
    </sql:query>

    <table border="1">
      <c:forEach var="satir" items="${sonuc.rows}">
        <tr>
          <td><c:out value="${satir.id}"/></td>
          <td><c:out value="${satir.ad}"/></td>
          <td><c:out value="${satir.soyad}"/></td>
        </tr>
      </c:forEach>
    </table>
  </body>
</html>
```

bilgigir.jsp x

```
<@page contentType="text/html"%>
<@page pageEncoding="UTF-8"%>

<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>Bilgilerinizi Giriniz</title>
  </head>
  <body>
    Lütfen bilgilerinizi giriniz
    <form action="kayit.jsp">
      <table>
        <tr>
          <td>ID</td>
          <td><input type="text" name="id"></td>
        </tr>
        <tr>
          <td>ad</td>
          <td><input type="text" name="ad"></td>
        </tr>
        <tr>
          <td>soyad</td>
          <td><input type="text" name="soyad"></td>
        </tr>
        <tr>
          <td colspan="2"><input type="submit" value="Gönder"></td>
        </tr>
      </table>
    </form>
  </body>
</html>
```

Bilgilerinizi Giriniz - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://localhost:8084/ustduzey\_ders07/bilgigir.jsp

Getting Started Latest Headlines

Lütfen bilgilerinizi giriniz

ID

ad

soyad

Gönder

```
<%@page contentType="text/html"%>
<%@page pageEncoding="UTF-8"%>

<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
<%@ taglib prefix="sql" uri="http://java.sun.com/jsp/jstl/sql" %>

<sql:query var="tablo01_s">
    SELECT * FROM tablo01
        WHERE id = ?
    <sql:param value="${param.id}" />
</sql:query>

<c:choose>
    <c:when test="${tablo01_s.rowCount == 0}">
        <sql:update>
            INSERT INTO tablo01
                (id, ad, soyad)
                VALUES(?, ?, ?)
            <sql:param value="${param.id}" />
            <sql:param value="${param.ad}" />
            <sql:param value="${param.soyad}" />
        </sql:update>
    </c:when>
    <c:otherwise>
        <sql:update>...</sql:update>
    </c:otherwise>
</c:choose>

<!-- güncellenmiş vt yi alalım -->
<sql:query>...</sql:query>

<!-- Redirect onaylama sayfasına-->
<c:redirect url="onayla.jsp" />
```

```
<%@page contentType="text/html"%>
<%@page pageEncoding="UTF-8"%>

<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
<%@ taglib prefix="sql" uri="http://java.sun.com/jsp/jstl/sql" %>

<sql:query>...</sql:query>

<c:choose>
  <c:when test="${tablo01_s.rowCount == 0}">
    <sql:update>...</sql:update>
  </c:when>
  <c:otherwise>
    <sql:update>
      UPDATE tablo01
      SET ad = ?,
          soyad = ?
      WHERE id = ?
      <sql:param value="${param.ad}" />
      <sql:param value="${param.soyad}" />
      <sql:param value="${param.id}" />
    </sql:update>
  </c:otherwise>
</c:choose>

<!-- güncellenmis vt yi alalim -->
<sql:query var="yeniKayitBilgi" scope="session">
  SELECT * FROM tablo01
  WHERE id = ?
  <sql:param value="${param.id}" />
</sql:query>

<!-- Redirect onaylama sayfasina-->
<c:redirect url="onayla.jsp" />
```

```
<%@page contentType="text/html"%>
<%@page pageEncoding="UTF-8"%>

<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
<%@ taglib prefix="fn" uri="http://java.sun.com/jsp/jstl/functions" %>

<html>
<head>
<title>Kayit Bilgisi</title>
</head>
<body bgcolor="white">
Kayıt Edilen Bilgi

<table>
<c:forEach items="{yeniKayitBilgi.rows}" var="satir">
<c:forEach items="{satir}" var="sutun">
<tr>
<td align="right">
<b>{fn:escapeXml (sutun.key)}:</b>
</td>
<td>
{fn:escapeXml (sutun.value)}
</td>
</tr>
</c:forEach>
</c:forEach>
</table>

</body>
</html>
```

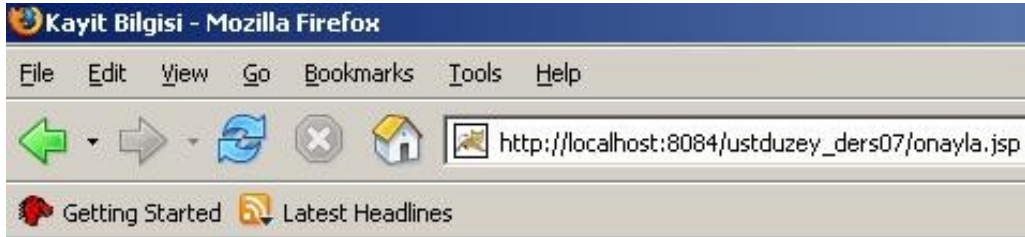


Lütfen bilgilerinizi giriniz

ID

ad

soyad



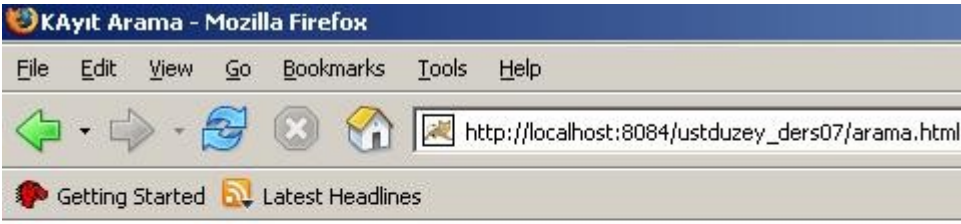
Kayıt Edilen Bilgi

**ad:** 7.kayıt

**id:** 7

**soyad:** 7.kayıt

```
arama.html x
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>KAyıt Arama</title>
  </head>
  <body>
    Lütfen bilgilerinizi giriniz
    <form action="ara.jsp">
      <table>
        <tr>
          <td>ID</td>
          <td><input type="text" name="id"></td>
        </tr>
        <tr>
          <td>ad</td>
          <td><input type="text" name="ad"></td>
        </tr>
        <tr>
          <td>soyad</td>
          <td><input type="text" name="soyad"></td>
        </tr>
        <tr>
          <td colspan="2"><input type="submit" value="ARA"></td>
        </tr>
      </table>
    </form>
  </body>
</html>
```



Lütfen bilgilerinizi giriniz

ID

ad

soyad

```
<@page contentType="text/html"%>
<@page pageEncoding="UTF-8"%>

<@ taglib prefix="sql" uri="http://java.sun.com/jsp/jstl/sql" %>

<sql:query var="liste" scope="request">
  SELECT * FROM tablo01
  WHERE id LIKE ?
  AND ad LIKE ?
  AND soyad LIKE ?
  ORDER BY id
  <sql:param value="%${param.id}%" />
  <sql:param value="%${param.ad}%" />
  <sql:param value="%${param.soyad}%" />
</sql:query>

<jsp:forward page="sorguliste.jsp" />
```

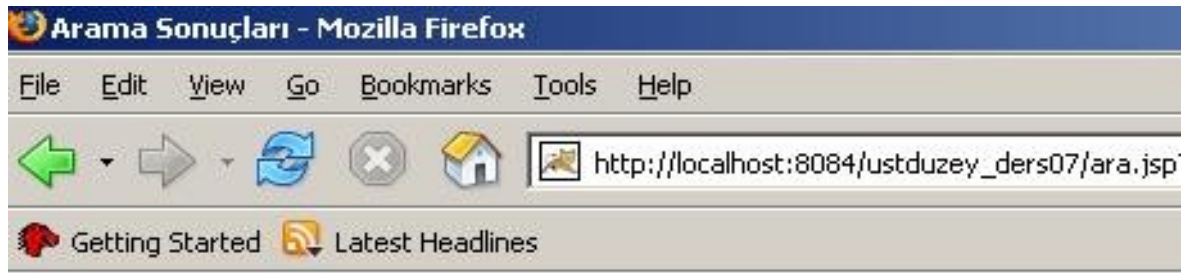
```
<%@page contentType="text/html"%>
<%@page pageEncoding="UTF-8"%>

<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
<%@ taglib prefix="sql" uri="http://java.sun.com/jsp/jstl/sql" %>
<%@ taglib prefix="fn" uri="http://java.sun.com/jsp/jstl/functions" %>
```

```
<html>
  <head>
    <title>Arama Sonuçları</title>
  </head>
  <body bgcolor="white">

    <c:choose>
      <c:when test="${liste.rowCount == 0}">
        Kayıt bulunamadı !
      </c:when>
      <c:otherwise>...</c:otherwise>
    </c:choose>
  </body>
</html>
```

```
<c:otherwise>
  Bulunanlar:
  <p>
  <table border="1">
    <th>id</th>
    <th>ad</th>
    <th>soyad</th>
    <c:forEach items="${liste.rows}" var="satir">
      <tr>
        <td>${fn:escapeXml(satir.id)}</td>
        <td>${fn:escapeXml(satir.ad)}</td>
        <td>${fn:escapeXml(satir.soyad)}</td>
        <td>
          <form action="sil.jsp" method="post">
            <input type="hidden" name="id"
              value="${fn:escapeXml(satir.id)}">
            <input type="hidden" name="ad"
              value="${fn:escapeXml(param.ad)}">
            <input type="hidden" name="soyad"
              value="${fn:escapeXml(param.soyad)}">
            <input type="submit" value="Sil">
          </form>
        </td>
      </tr>
    </c:forEach>
  </table>
</c:otherwise>
</c:choose>
</body>
</html>
```



Bulunanlar:

id	ad	soyad	
1	mustafa	şahin	Sil
2	deneme	bbb	Sil
3	aaa	ccc	Sil
5	555	555	Sil
6	666	666	Sil
7	7.kayıt	7.kayıt	Sil
10	aaaaa	aaaaa	Sil

```
<%@page contentType="text/html"%>
<%@page pageEncoding="UTF-8"%>

<%@ taglib prefix="sql" uri="http://java.sun.com/jsp/jstl/sql" %>
<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>

<sql:update>
  DELETE FROM tablo01
  WHERE id = ?
  <sql:param value="${param.id}" />
</sql:update>

<c:redirect url="ara.jsp">
  <c:param name="id" value="" />
  <c:param name="ad" value="" />
  <c:param name="soyad" value="" />
</c:redirect>
```



Bulunanlar:

id	ad	soyad	
1	mustafa	şahin	Sil
2	deneme	bbb	Sil
3	aaa	ccc	Sil
5	555	555	Sil
6	666	666	Sil
7	7.kayıt	7.kayıt	Sil

---

# Üst Düzey Programlama

JDBC-2

(Java Database Connectivity)