

LECTURERS.XML

Here is the Lecturers data base in XML form, with schema.

```
<?xml version="1.0" standalone="yes"?>
<TestSQL2DataSet xmlns="http://tempuri.org/TestSQL2DataSet.xsd">
  <xs:schema id="TestSQL2DataSet"
targetNamespace="http://tempuri.org/TestSQL2DataSet.xsd"
xmlns:mstns="http://tempuri.org/TestSQL2DataSet.xsd"
xmlns="http://tempuri.org/TestSQL2DataSet.xsd"
xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:msdata="urn:schemas-microsoft-
com:xml-msdata" attributeFormDefault="qualified" elementFormDefault="qualified">
  <xs:element name="TestSQL2DataSet" msdata:IsDataSet="true"
msdata:UseCurrentLocale="true">
  <xs:complexType>
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element name="Lecturers">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="LectID" msdata:ReadOnly="true"
msdata:AutoIncrement="true" type="xs:int" />
            <xs:element name="Name">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="10" />
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Course">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="10" />
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Students" type="xs:int" minOccurs="0" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="Offices">
        <xs:complexType>
          <xs:sequence>
```

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                <xs:element          name="OfficeID"          msdata:ReadOnly="true"
msdata:AutoIncrement="true" type="xs:int" />
                <xs:element name="LectID" type="xs:int" />
                <xs:element name="Building">
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:maxLength value="10" />
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
                <xs:element name="Room">
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:maxLength value="10" />
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
</xs:choice>
</xs:complexType>
<xs:unique name="Constraint1" msdata:PrimaryKey="true">
    <xs:selector xpath="//mstns:Lecturers" />
    <xs:field xpath="mstns:LectID" />
</xs:unique>
<xs:unique name="Offices_Constraint1" msdata:ConstraintName="Constraint1"
msdata:PrimaryKey="true">
    <xs:selector xpath="//mstns:Offices" />
    <xs:field xpath="mstns:OfficeID" />
</xs:unique>
</xs:element>
<xs:annotation>
    <xs:appinfo>
        <msdata:Relationship name="FK_Offices_Lecturers" msdata:parent="Lecturers"
msdata:child="Offices" msdata:parentkey="LectID" msdata:childkey="LectID" />
    </xs:appinfo>
</xs:annotation>
</xs:schema>
<Lecturers>
    <LectID>1</LectID>
    <Name>Bob          </Name>
    <Course>CS193N    </Course>
    <Students>100</Students>
</Lecturers>

```

```
<Lecturers>
  <LectID>2</LectID>
  <Name>Patrick  </Name>
  <Course>CS193C  </Course>
  <Students>60</Students>
</Lecturers>
<Lecturers>
  <LectID>3</LectID>
  <Name>Nick      </Name>
  <Course>CS193I  </Course>
  <Students>100</Students>
</Lecturers>
<Offices>
  <OfficeID>1</OfficeID>
  <LectID>1</LectID>
  <Building>Gates  </Building>
  <Room>178       </Room>
</Offices>
<Offices>
  <OfficeID>2</OfficeID>
  <LectID>1</LectID>
  <Building>Quad   </Building>
  <Room>1         </Room>
</Offices>
<Offices>
  <OfficeID>4</OfficeID>
  <LectID>3</LectID>
  <Building>EE     </Building>
  <Room>120       </Room>
</Offices>
<Offices>
  <OfficeID>6</OfficeID>
  <LectID>2</LectID>
  <Building>Gates  </Building>
  <Room>192       </Room>
</Offices>
<Offices>
  <OfficeID>7</OfficeID>
  <LectID>2</LectID>
  <Building>EE     </Building>
  <Room>134       </Room>
</Offices>
</TestSQL2DataSet>
```