BANK.XSD FILE

```
<?xml version="1.0" encoding="UTF-8"?>
<schema xmlns="http://www.w3.org/2001/XMLSchema"</pre>
targetNamespace="http://www.example.org/Bank"
xmlns:tns="http://www.example.org/Bank" elementFormDefault="qualified">
<complexType name="bankType">
      <sequence>
            <element name="accounts" type="tns:acctType"></element>
            <element name="customers" type="tns:custType"></element>
            <element name="customer_accounts"</pre>
type="tns:cust acctsType"></element>
      </sequence>
</complexType>
<complexType name="acctType">
      <sequence>
            <element name="savings accounts" type="tns:saveaccsType"></element>
            <element name="checking accounts"</pre>
type="tns:checkaccsType"></element>
      </sequence>
</complexType>
<complexType name="saveaccsType">
      <sequence>
            <element name="savings account" min0ccurs="1" max0ccurs="unbounded"</pre>
type="tns:saveaccType"></element>
      </sequence>
</complexType>
<complexType name="saveaccType">
      <sequence>
            <element name="balance" type="positiveInteger"></element>
      </sequence>
      <attribute name="id" type="string" use="required">
      </attribute>
      <attribute name="interest" type="decimal" use="required">
      </attribute>
</complexType>
<complexType name="checkaccsType">
      <sequence>
            <element name="checking account" min0ccurs="1"</pre>
maxOccurs="unbounded" type="tns:checkaccType"></element>
      </sequence>
</complexType>
<complexType name="checkaccType">
      <sequence>
            <element name="balance" type="int"></element>
      <attribute name="id" type="string" use="required">
      </attribute>
</complexType>
```

```
<complexType name="custType">
      <sequence>
            <element name="customer" min0ccurs="1" max0ccurs="unbounded"</pre>
type="tns:customer Type"></element>
      </sequence>
</complexType>
<complexType name="customer_Type">
      <sequence>
            <element name="name" type="string"></element>
            <element name="address" type="string"></element>
      </sequence>
      <attribute name="id" type="string" use="required">
      </attribute>
</complexType>
<complexType name="cust_acctsType">
      <sequence>
            <element name="customer_account" min0ccurs="1"</pre>
maxOccurs="unbounded" type="tns:cust acctType"></element>
      </sequence>
</complexType>
<complexType name="cust_acctType">
      <attribute name="c_id" type="string" use="required">
      </attribute>
      <attribute name="ac id" type="string" use="required">
      </attribute>
</complexType>
<element name="bank" type="tns:bankType"></element>
</schema>
```

XSL FILE

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:template match="/">
 <html>
 Accounts
   Savings Accounts
   Id
   Interest
   Balance
```

```
<xsl:for-each select="/bank/accounts/savings accounts/savings account">
  <xsl:value-of select="@id"/>
  <xsl:value-of select="@interest"/>
  <xsl:value-of select="balance"/>
</xsl:for-each>
Checking Accounts
  Id
  Balance
<xsl:for-each select="/bank/accounts/savings_accounts/savings_account">
  <xsl:value-of select="@id"/>
  <xsl:value-of select="balance"/>
</xsl:for-each>
Customers
  Id
  Name
  Address
<xsl:for-each select="/bank/customers/customer">
  <xsl:value-of select="@id"/>
  <xsl:value-of select="name"/>
  <xsl:value-of select="address"/>
</xsl:for-each>
Customers-Accounts Relation
  Customer Id
  Account Id
<xsl:for-each select="/bank/customer accounts/customer account">
  <xsl:value-of select="@c id"/>
  <xsl:value-of select="@ac id"/>
```

```
        </xsl:for-each>
```

</html>
</xsl:template>

</xsl:stylesheet>

OUTPUT OF XSLT TO HTML:

Accounts		
Savings Accounts		
ld	Interest	Balance
a1	0.03	2500
a2	0.03	15075
Checking Accounts		
ld	Balance	
a1	2500	
a2	15075	
Customers		
ld	Name	Address
c1	Ben	Park Drive 2
c2	Marc	Mill Drive 75
c3	Angel	Lake Sight 14
Customers-Accounts Relation		
Cu	stomer Id	Account Id
a2		c1
a3		c1
a4		c2
a1		c3
a1		c3
	a5	c3