

Лабораторная работа 7

Задание 1

Вывести значения полей [BusinessEntityID], [FirstName] и [LastName] из таблицы [Person].[Person] в виде xml, сохраненного в переменную

```
DECLARE @Xml XML;
SET @Xml = (
    SELECT Person.BusinessEntityID AS "@ID", Person.FirstName AS "@FirstName",
    Person.LastName AS "@LastName"
    FROM AdventureWorks2012.Person.Person
    FOR XML PATH ('Person'), ROOT ('Persons'))

select @Xml

IF OBJECT_ID('tempdb..#resultTable') IS NOT NULL
    DROP TABLE #resultTable;

CREATE TABLE #resultTable
(
    BusinessEntityID int not null,
    FirstName         nvarchar(20),
    LastName          nvarchar(20)
)

INSERT #resultTable
SELECT x.value('@ID', 'int') AS BusinessEntityID,
       x.value('@FirstName', 'nvarchar(20)') AS FirstName,
       x.value('@LastName', 'nvarchar(20)') AS LastName
FROM @Xml.nodes('/Persons/Person') XmlData(x)

SELECT *
FROM #resultTable;
```

	BusinessEntityID	FirstName	LastName
1	285	Syed	Abbas
2	293	Catherine	Abel
3	295	Kim	Abercrombie
4	2170	Kim	Abercrombie
5	38	Kim	Abercrombie
6	211	Hazem	Abolrous
7	2357	Sam	Abolrous
8	297	Humberto	Acevedo
9	291	Gustavo	Achong
10	299	Pilar	Ackerman
11	121	Pilar	Ackerman
12	16867	Aaron	Adams
13	16901	Adam	Adams
14	16724	Alex	Adams
15	10263	Alexandra	Adams
16	10312	Allison	Adams
17	10274	Amanda	Adams
18	10292	Amber	Adams

1.12 MB (204.8 kB loaded)

```

<Persons><Person ID="285" FirstName="Syed" LastName="Abbas"/><Person ID="293" FirstName="Catherine" LastName="Abel"/><Person ID="295"
FirstName="Kim" LastName="Abercrombie"/><Person ID="2170" FirstName="Kim" LastName="Abercrombie"/><Person ID="38" FirstName="Kim"
LastName="Abercrombie"/><Person ID="211" FirstName="Hazem" LastName="Abolrous"/><Person ID="2357" FirstName="Sam"
LastName="Abolrous"/><Person ID="297" FirstName="Humberto" LastName="Acevedo"/><Person ID="291" FirstName="Gustavo"
LastName="Achong"/><Person ID="299" FirstName="Pilar" LastName="Ackerman"/><Person ID="121" FirstName="Pilar"
LastName="Ackerman"/><Person ID="16867" FirstName="Aaron" LastName="Adams"/><Person ID="16901" FirstName="Adam"
LastName="Adams"/><Person ID="16724" FirstName="Alex" LastName="Adams"/><Person ID="10263" FirstName="Alexandra"
LastName="Adams"/><Person ID="10312" FirstName="Allison" LastName="Adams"/><Person ID="10274" FirstName="Amanda"
LastName="Adams"/><Person ID="10292" FirstName="Amber" LastName="Adams"/><Person ID="10314" FirstName="Andrea"
LastName="Adams"/><Person ID="16699" FirstName="Angel" LastName="Adams"/><Person ID="10299" FirstName="Bailey"
LastName="Adams"/><Person ID="1770" FirstName="Ben" LastName="Adams"/><Person ID="4194" FirstName="Blake" LastName="Adams"/><Person
ID="305" FirstName="Carla" LastName="Adams"/><Person ID="16691" FirstName="Carlos" LastName="Adams"/><Person ID="4891"
FirstName="Charles" LastName="Adams"/><Person ID="10251" FirstName="Chloe" LastName="Adams"/><Person ID="16872" FirstName="Connor"
LastName="Adams"/><Person ID="10293" FirstName="Courtney" LastName="Adams"/><Person ID="4503" FirstName="Dalton"
LastName="Adams"/><Person ID="4970" FirstName="Devin" LastName="Adams"/><Person ID="5055" FirstName="Eduardo" LastName="Adams"/><Person
ID="3731" FirstName="Edward" LastName="Adams"/><Person ID="16858" FirstName="Elijah" LastName="Adams"/><Person ID="16902"
FirstName="Eric" LastName="Adams"/><Person ID="16730" FirstName="Evan" LastName="Adams"/><Person ID="3889" FirstName="Fernando"
LastName="Adams"/><Person ID="301" FirstName="Frances" LastName="Adams"/><Person ID="16850" FirstName="Gabriel"
LastName="Adams"/><Person ID="10302" FirstName="Gabriella" LastName="Adams"/><Person ID="10282" FirstName="Gabrielle"

```