

Object Explorer

Connect

ASUS-VIVOBOK-S\SQLEXPRESS

Databases

System Databases

AdventureWorks2012

Database Diagrams

Tables

Views

System Views

HumanResources

Columns

BusinessEn

Title (nvarchar)

FirstName

MiddleName

LastName

Suffix (nvarchar)

JobTitle (nvarchar)

PhoneNum

PhoneNum

EmailAddress

EmailProm

AddressLine1

AddressLine2

City (nvarchar)

StateProvinceID

PostalCode

CountryRegionID

AdditionalContactInfo

Triggers

Indexes

Statistics

HumanResources

HumanResources

HumanResources

HumanResources

HumanResources

Person.vAdditionalInfo

Person.vStateProvinceID

Production.vProductionWorker

Production.vProductionWorker

Production.vProductionWorker

Purchasing.vVendor

Purchasing.vVendor

Sales.vIndividualCustomer

Sales.vPersonDemographic

Sales.vSalesPerson

SQLQuery2.sql - A...BOOK-S\Artem (52))

```

use Adventureworks2012;
-- Вывести на экран холостых сотрудников,
-- которые родились раньше 1960 года (включая 1960 год).
select
    BusinessEntityID, BirthDate, MaritalStatus, Gender, HireDate
from
    HumanResources.Employee
where
    MaritalStatus = 'S' and BirthDate < '1961-01-01';
-- Вывести на экран сотрудников, работающих на позиции 'Design Engineer',
-- отсортированных в порядке убывания принятия их на работу.
select
    BusinessEntityID, JobTitle, BirthDate, Gender, HireDate
from
    HumanResources.Employee
where
    JobTitle = 'Design Engineer' order by HireDate desc;
-- Вывести на экран количество лет, отработанных каждым сотрудником отдела 'Engineering' ([DepartmentID] = 1).
-- Если поле EndDate = NULL это значит, что сотрудник работает в отделе по настоящее время.
select
    BusinessEntityID, DepartmentID, StartDate, EndDate,
        DATEDIFF(YEAR, StartDate, case when EndDate is NULL
            then GETDATE()
            else EndDate
        end) as YearsWorked
from
    HumanResources.EmployeeDepartmentHistory
where
    DepartmentID = '1';

```

83 %

Results Messages

	BusinessEntityID	BirthDate	MaritalStatus	Gender	HireDate
1	27	1956-10-08	S	F	2008-02-27
2	40	1956-01-16	S	F	2007-12-26
3	49	1956-03-26	S	M	2008-01-07
4	51	1956-07-11	S	M	2008-02-20
5	63	1955-01-30	S	M	2010-01-29

	BusinessEntityID	Job Title	BirthDate	Gender	HireDate
1	15	Design Engineer	1961-05-02	F	2011-01-18
2	6	Design Engineer	1959-03-11	M	2008-01-24
3	5	Design Engineer	1952-09-27	F	2008-01-06

	BusinessEntityID	DepartmentID	StartDate	EndDate	YearsWorked
1	2	1	2008-01-31	NULL	12
2	3	1	2007-11-11	NULL	13
3	4	1	2007-12-05	2010-05-30	3
4	5	1	2008-01-06	NULL	12
5	6	1	2008-01-24	NULL	12
6	14	1	2010-12-30	NULL	10
7	15	1	2011-01-18	NULL	9

рис.1 - Задание №2