

Задание 1.

Результаты выполнения запросов:

1.1

	BusinessEntityID	JobTitle	Name	StartTime	EndTime
1	1	Chief Executive Officer	Day	07:00:00.0000000	15:00:00.0000000
2	2	Vice President of Engineering	Day	07:00:00.0000000	15:00:00.0000000
3	3	Engineering Manager	Day	07:00:00.0000000	15:00:00.0000000
4	4	Senior Tool Designer	Day	07:00:00.0000000	15:00:00.0000000
5	5	Design Engineer	Day	07:00:00.0000000	15:00:00.0000000
6	6	Design Engineer	Day	07:00:00.0000000	15:00:00.0000000
7	7	Research and Development Manager	Day	07:00:00.0000000	15:00:00.0000000
8	8	Research and Development Engineer	Day	07:00:00.0000000	15:00:00.0000000
9	9	Research and Development Engineer	Day	07:00:00.0000000	15:00:00.0000000
10	10	Research and Development Manager	Day	07:00:00.0000000	15:00:00.0000000
11	11	Senior Tool Designer	Day	07:00:00.0000000	15:00:00.0000000
12	12	Tool Designer	Day	07:00:00.0000000	15:00:00.0000000
13	13	Tool Designer	Day	07:00:00.0000000	15:00:00.0000000
14	14	Senior Design Engineer	Day	07:00:00.0000000	15:00:00.0000000
15	15	Design Engineer	Day	07:00:00.0000000	15:00:00.0000000
16	16	Marketing Manager	Day	07:00:00.0000000	15:00:00.0000000
17	17	Marketing Assistant	Day	07:00:00.0000000	15:00:00.0000000
18	18	Marketing Specialist	Day	07:00:00.0000000	15:00:00.0000000
19	19	Marketing Assistant	Day	07:00:00.0000000	15:00:00.0000000

Query executed successfully. COMP\SQLSERVER (11.0 SP2) comp\compp (56) AdventureWorks2012 00:00:00 290 rows

1.2

	GroupName	EmpCount
1	Executive General and Administration	35
2	Inventory Management	18
3	Manufacturing	185
4	Quality Assurance	11
5	Research and Development	14
6	Sales and Marketing	27

1.3

	Name	BusinessEntityID	Rate	MaxInDepartment	RateGroup
1	Document Control	219	10.25	17.7885	1
2	Document Control	220	10.25	17.7885	1
3	Document Control	221	16.8269	17.7885	2
4	Document Control	218	16.8269	17.7885	2
5	Document Control	217	17.7885	17.7885	3
6	Engineering	4	8.62	63.4615	1
7	Engineering	4	23.72	63.4615	2
8	Engineering	4	29.8462	63.4615	3
9	Engineering	5	32.6923	63.4615	4
10	Engineering	6	32.6923	63.4615	4
11	Engineering	15	32.6923	63.4615	4
12	Engineering	14	36.0577	63.4615	5
13	Engineering	3	43.2692	63.4615	6
14	Engineering	2	63.4615	63.4615	7
15	Executive	234	39.06	125.50	1
16	Executive	234	48.5577	125.50	2
17	Executive	234	60.0962	125.50	3
18	Executive	1	125.50	125.50	4
19	Facilities and Maintenance	229	9.25	24.0385	1

Query executed successfully. COMP\SQLSERVER (11.0 SP2) comp\compp (56) AdventureWorks2012 00:00:00 334 rows

Задание 2.

Результаты выполнения запросов:

2.a,b,c,d,f

Command(s) completed successfully.

2.e

(9 row(s) affected)

Таблица:

```
CREATE TABLE dbo.Employee (  
    BusinessEntityID INT NOT NULL  
    , NationalIDNumber nvarchar(15) NOT NULL  
    , LoginID nvarchar(256) NOT NULL  
    , JobTitle nvarchar(50) NOT NULL  
    , BirthDate date NOT NULL  
    , MaritalStatus nchar(1) NOT NULL  
    , Gender nchar(1) NOT NULL  
    , HireDate date NOT NULL  
    , VacationHours smallint NOT NULL  
    , SickLeaveHours smallint NOT NULL  
    , ModifiedDate datetime NOT NULL  
);
```

Функция проверки поля VacationHours:

```
CREATE FUNCTION dbo.MoreThanZero(@value smallint)  
RETURNS bit  
AS  
BEGIN  
    IF(@value > 0)  
        RETURN 1;  
    RETURN 0;  
END;  
GO
```

Данные в таблице:

	BusinessEntityID	NationalIDNumber	LoginID	JobTitle	BirthDate	MaritalStatus	Gender	HireDate	VacationHours	SickLeaveHours	ModifiedDate
1	251	603686790	adventure-works\mikaël0	Buyer	1978-09-18	S	M	2003-03-14	144	49	2008-07-31
2	252	792847334	adventure-works\arvind0	Buyer	1968-09-21	M	M	2003-04-01	144	50	2008-07-31
3	253	407505660	adventure-works\linda2	Buyer	1964-12-31	M	F	2004-01-18	144	48	2008-07-31
4	254	482810518	adventure-works\fukiko0	Buyer	1964-12-25	M	M	2004-02-05	144	48	2008-07-31
5	255	466142721	adventure-works\gordon0	Buyer	1960-12-30	M	M	2004-02-12	144	46	2008-07-31
6	256	367453993	adventure-works\frank2	Buyer	1946-06-13	M	M	2004-02-24	144	49	2008-07-31
7	257	381073001	adventure-works\eric2	Buyer	1966-10-19	S	M	2004-02-28	144	47	2008-07-31
8	258	785853949	adventure-works\erin0	Buyer	1965-02-04	S	F	2004-03-03	144	46	2008-07-31
9	259	20269531	adventure-works\ben0	Buyer	1967-07-05	M	M	2004-04-09	144	47	2008-07-31