

## Лабораторная работа №6

Создайте scalar-valued функцию, которая будет принимать в качестве входного параметра код валюты (Sales.Currency.CurrencyCode) и возвращать последний установленный курс по отношению к USD (Sales.CurrencyRate.ToCurrencyCode).

```
create procedure dbo.getEmpCountByShiftName
    @ShiftsNames nvarchar(50)
as
    declare @query nvarchar(1000);
    set @query = 'select DepName,' + @ShiftsNames + '
from
(
    select
        Department.Name AS DepName,
        Shift.Name AS ShiftName
    from
        HumanResources.Department
    join HumanResources.EmployeeDepartmentHistory
        on Department.DepartmentID = EmployeeDepartmentHistory.DepartmentID
    join HumanResources.Shift
        on EmployeeDepartmentHistory.ShiftID = Shift.ShiftID
    where
        EndDate is null
    ) as source
pivot
(
    count(ShiftName)
    for ShiftName
    in (' + @ShiftsNames + ')
) as PivotTable'
exec sp_executesql @query
go
```

Programmability

- Stored Procedures
  - System Stored Procedures
    - dbo.getEmpCountByShiftName

```
exec dbo.getEmpCountByShiftName '[Day],[Evening],[Night]'
```

100 %				
Results Messages				
	DepName	Day	Eveni...	Night
1	Document Control	3	1	1
2	Engineering	6	0	0
3	Executive	2	0	0
4	Facilities and Maintenance	3	2	2
5	Finance	10	0	0
6	Human Resources	6	0	0
7	Information Services	9	1	0
8	Marketing	9	0	0
9	Production	79	54	46
10	Production Control	4	1	1