

REPORT FOR TASK 6, VARIANT 8

1. Stored procedure:

The screenshot displays the Microsoft SQL Server Enterprise Manager interface. The left pane shows the 'Object Explorer' with the 'AdventureWorks2012' database selected. The right pane shows the 'Query Editor' with a SQL script for creating and executing a stored procedure named 'Production.OrdersSummaryByMonths'.

```
CREATE PROCEDURE [Production].[OrdersSummaryByMonths]
    @chosenMonths NVARCHAR(200)
AS
BEGIN
    SET NOCOUNT ON;

    DECLARE @sqlExpression NVARCHAR(512);
    SET @sqlExpression =
        'SELECT [Year], ' + @chosenMonths + '
        FROM
        (
            SELECT
                YEAR([W].[DueDate]) AS [Year],
                DATENAME(MONTH, [W].[DueDate]) AS [Month],
                [W].[OrderQty] AS [OrdersSummary]
            FROM
                [Production].[WorkOrder] AS [W]
        ) AS [WO]
        PIVOT
        (
            SUM([OrdersSummary])
            FOR [Month]
            IN (' + @chosenMonths + ')
        ) AS [Summary]';

    EXEC sp_executesql @sqlExpression;
END
GO
```

The bottom pane shows the 'Results' tab with the following data:

Year	January	February	March	April	May	June
2005	NULL	NULL	NULL	NULL	NULL	NULL
2006	38626	77198	59896	45046	93056	68306
2007	85071	135595	94562	108711	161935	115665
2008	120411	164291	172336	144744	209683	212524

The status bar at the bottom indicates 'Query executed successfully.' and 'LT-BY-AKOSYUK (14.0 RTM) AM\akosyuk (61) AdventureWorks2012 00:00:00 4 rows'.