**Single and multiple parameters with stored procedures**

One of the great powers of stored procedures is the ability pass parameters so as to have the application give back a specified result of data – thus provide an option to filter data. Stored procedures can also accept more than one parameter.

The following example will demonstrate how setting up a single parameter will filter the data and return a limited result set.

Note: the parameter consists of two objects: parameter name with @ sign at the beginning and the data type. Ex: @NameOfPrameter varchar (20)

CREATE PROCEDURE usp\_GetProduct

@Category nvarchar(30)

AS

SELECT

Production.Product.Name,

Production.ProductCategory.Name AS Category,

Production.ProductSubcategory.Name AS SubCategory

FROM Production.Product

INNER JOIN

Production.ProductSubcategory

ON Production.Product.ProductSubcategoryID = Production.ProductSubcategory.ProductSubcategoryID

INNER JOIN

Production.ProductCategory

ON Production.ProductSubcategory.ProductCategoryID = Production.ProductCategory.ProductCategoryID

WHERE Production.ProductCategory.Name = @Category