**Assignment 07**

You must create your own procedures (user-defined)

1. Find the name of the Database using parameter @id

CREATE PROCEDURE spDatabaseName\_GetCurrent

@id int

AS

BEGIN

SELECT DB\_NAME(1) AS 'Current DB Name'

END

EXEC spDatabaseName\_GetCurrent 6;

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1. Create a stored procedure that returns all officers (first and last names supplied), their precinct, badge, and their status. This procedure does not use any parameters.

CREATE PROCEDURE spOfficers\_GetAll

AS

BEGIN

SELECT first, last, precinct, badge, status

FROM officers;

RETURN

END

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1. Create a procedure that returns two result sets:
   1. Top 10 rows showing officer id, his first and last name
   2. Top 10 rows showing crime id, and its classification.

CREATE PROCEDURE spTop10Rows\_Get

AS

BEGIN

SELECT TOP 10 officer\_id, first, last

FROM officers

SELECT TOP 10 crime\_id, classification

FROM crimes

RETURN

END

EXEC spTop10Rows\_Get

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1. Create a stored procedure that returns information for a specific criminal by passing values for the criminal’s first name and last name. This procedure accepts only exact matches for the parameters passed.

CREATE PROCEDURE spCriminal\_GetByFirstAndLast

@lastName NVARCHAR(20),

@firstName NVARCHAR(20)

AS

BEGIN

SELECT last, first

FROM criminals

WHERE last = @lastName

AND first = @firstName

RETURN

END

EXEC spCriminal\_GetByFirstAndLast @lastName = 'Mansville', @firstName = 'Nancy';

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1. Create a stored procedure that returns information for criminals by passing full or partial values for the criminal’s first name and last name. This procedure pattern matches the parameters passed or, if not supplied, uses the preset default (last names that start with the letter D).

CREATE PROCEDURE spCriminalInformation

@lastName NVARCHAR(20),

@firstName NVARCHAR(20)

AS

BEGIN

IF @lastName is NULL or @firstName is NULL -- Condition test

BEGIN

SELECT \*

FROM criminals

WHERE last LIKE 'D%';

RETURN -- Return for NULL values

END

SELECT \*

FROM criminals

WHERE last = @lastName AND first = @firstName;

RETURN

END

EXEC spCriminalInformation @lastName = last, @firstName = first;

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