SQLServer Lab4

Note: Use Company DB

1. Create a function that takes the project number and displays all employees in this project.

Note: Use ITI DB

1. Create a scalar function that takes a date and returns the month name of that date.

ex: giving the function '2009/5/12' as a parameter will return 'May'

1. Create a multi-statements table-valued function that takes 2 integers and returns the values between them.
2. Create a tabled valued function that takes Student No. and returns Department Name with Student full name.
3. Create a scalar function that takes Student ID and returns a message to the user
   1. If the first name and Last name are null then display 'First name & last name are null'
   2. If the first name is null then display 'first name is null'
   3. If the last name is null then display 'last name is null'
   4. Else display 'First name & last name are not null'
4. Create a function that takes an integer that represents the format of the Manager's hiring date and displays the department name, Manager Name, and hiring date with this format. ex: giving the function 100 as a parameter will return the date like ‘Jan 1 2000’ or any other type of format.
5. Create multi-statements table-valued function that takes a string as a parameter
   1. If string='first name' returns the student's first name
   2. If string='last name' returns the student's last name
   3. If string='full name' returns Full Name from student table

Note: try “ISNULL” function

1. Write a query that returns the Student No and Student first name without the last char
2. Write a query that takes the columns list and table name into variables and then returns the result of this query “Use execute function”