SQLServer Lab

Note: Use ITI DB

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

2. Create a multi-statements table-valued function that takes 2 integers and returns the values between them.

3. Create inline function that takes Student No and returns Department Name with Student full name.

4. Create a scalar function that takes Student ID and returns a message to user
   a. If first name and Last name are null then display `'First name & last name are null'`
   b. If First name is null then display `'first name is null'`
   c. If Last name is null then display `'last name is null'`
   d. Else display `'First name & last name are not null'`

5. Create inline function that takes integer which represents manager ID and displays department name, Manager Name and hiring date

6. Create multi-statements table-valued function that takes a string
        If string='first name' returns student first name
        If string='last name' returns student last name
        If string='full name' returns Full Name from student table
    Note: Use "ISNULL" function

7. Write a query that returns the Student No and Student first name without the last char

8. Write query to delete all grades for the students Located in SD Department

Bonus:

1. Give an example for hierarchyid Data type
2. Create a batch that inserts 3000 rows in the student table(ITI database). The values of the st_id column should be unique and between 3000 and 6000. All values of the columns st_fname, st_lname, should be set to 'Jane', ' Smith' respectively.