

# Assignment 01

Suppose a renowned company has four branches in three different cities in Bangladesh. Branch A and Branch C are in Dhaka, Branch B is in Chittagong and Branch D is in Rajshahi. Each branch has at least one employee. Branch A, being the first branch to be established in Bangladesh, has the most number of employees currently.

1. Create two tables satisfying the above scenario:

Employee (EID, Name, Salary, Branch (foreign key))

and, Branch (BID, Name, Location)

Insert data for 12 employees and 4 branches. Use appropriate city names for the Location attribute. Name one employee as “your\_name”.

2. Write SQL statements for the following queries:

- a. How many employees of Branch A earn more than the average salary of all the employees.
- b. What is the name of the department where the employee “your\_name” works in? (Use Subquery)
- c. List the Locations in ascending order of the number of employees working there.