Example 02:
Database Management System

1. Consider the following database with these relations.
   employee (employee_name, street, city)
   works (employee_name, company_name, salary)

   a) Insert the following data into those relations

Employee		
employee_name	street	City
Arif	51 upashahar	Rajshahi
Sumon	52 east	Moynamati
Sagor	Neemgachhi	Sirajgong
Abdul	Binodpur	Rajshahi
Himesh	Nazrul avenue	Dhaka
Amirul	Chawk bazar	Sylhet
Sajib	99 north	Chittagong

works		
employee_name	company_name	salary
Sumon	Agrani	12000
Abdul	Sonali	13000
Himesh	Agrani	6000
Amirul	Sonali	20000
Sagor	Sonali	8000
Arif	Janata	13000
Sajib	Janata	9000

   b) Find the names of all employees who live in Rajshahi city
   c) Find the names and streets address of all employees who live in Rajshahi city
   d) Find the names of all employees who work for (i) Sonali (ii) Agrani (iii) Janata
   e) Find the names and salary of all employees who work for (i) Sonali (ii) Agrani (iii) Janata
   f) Find the names of all employees whose salary is (i) 12000 (ii) >=12000 (iii) <12000
   g) Find the names and company of all employees whose salary is (i) 12000 (ii) >=12000 (iii) <12000
   h) Find the names, streets and cities of all employees who work for Agrani.
   i) Find the names, streets and cities of all employees who earn >=10000.
   j) Find the names, company and salary of all employees who live in Rajshahi city.
   k) Find the names, streets, cities and companies of all employees who earn >=10000.
   l) Find the names, streets and cities of all employees who work for Sonali and earn more than 12000.
   m) Find all employees in the database who do not work for Sonali Bank.
   n) Modify the database so that “Arif” now lives in Natore.
   o) Give all employees of “Agrani” Bank 10 percent salary raise.
   p) Delete all records for sagor in employee table.
   q) Add a column manager in the company table.