

## **Working with XML**

1. Design XML Schema for the given company database

Department (deptName, deptNo, deptManagerSSN, deptManagerStartDate, deptLocation )

Employee (empName, empSSN, empSex, empSalary, empBirthDate, empDeptNo, empSupervisorSSN, empAddress, empWorksOn)

Project ( projName, projNo, projLocation, projDeptNo, projWorker )

TASK1: Implement the following queries using XQuery and XPath

1. Retrieve the department name, manager name, and manager salary for every department'
2. Retrieve the employee name, supervisor name and employee salary for each employee who works in the Research Department.
3. Retrieve the project name, controlling department name, number of employees and total hours worked per week on the project for each project.
4. Retrieve the project name, controlling department name, number of employees and total hours worked per week on the project for each project with more than one employee working on it

TASK2: Implement a storage structure for storing XML database and test with the above schema.