**Assignment 3**

**Question 1: Identify the classes.**

Ans: Company, Employee, Manager, Contractor.

**Question 2: Identify the relationships between each classis.**

Ans: Aggregation, Between Company and Employee.

Inheritance, Between Employee and Manager.

Association, Between Manager and Employee.

Inheritance, Between Contractor and Employee.

**Question 3: Identify the attributes and methods.**

Ans: Attributes are: name, employees, employeeNumber, salary, manager, lengthOfContract, manages.

Methods are: getName(), getEmployees(), addTeamMembers(), getTeamMembers(), getEmployeeNumber(), getSalary, getManager(), getLengthOfContract().