OOP Lab 7 – part 2

Topic: Operator Overloading

Marks: (TBA)

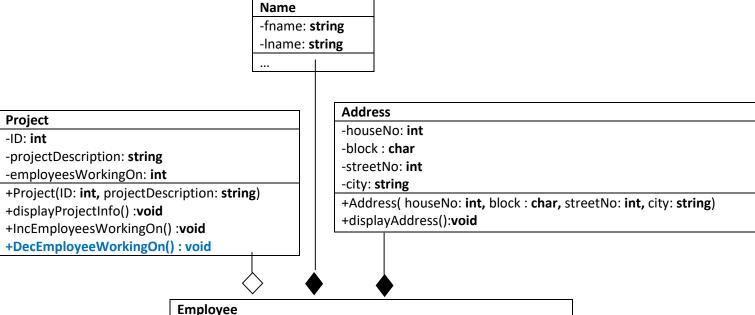
Release Date: 27-Nov-20 Friday

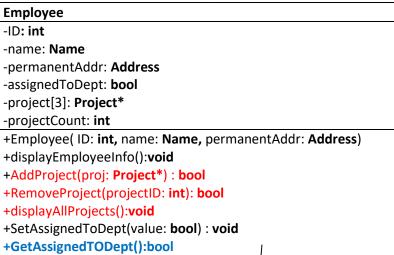
Submission Date & Time: 1-Dec-20, 11:59 PM Tuesday

You may send your lab queries at: esha.aftab@pucit.edu.pk

Implement the classes (perform multi-filing) and their relationships as mentioned by following UML

Diagram.





Department

- -ID: int
- -name: string
- -employee[50]: **Employee***
- -employeeCount: int
- +Department(ID: int, name: string)
- +displayDeptInfo():void
- +AddEmployee(emp:Employee*): bool
- +RemoveEmployee(employeeID: int): bool
- +DisplayAllEmployees():void //without project

In main make Menu Options according to the numbers below:

- 1-Create Department
- 2-Create Employee
- 3-Create Project
- 4-Display A Department given its ID, (if it exists)
- 5-Display An Employee given its ID, (if it exists)
- 6-Display A Project given its ID, (if it exists)
- 7-Add an Employee to a Department, provided the IDs
- 8-Add a Project to an Employee, provided the IDs
- 9-Display all projects of An Employee given his/her ID
- 10-Display all employees of a Department given its ID
- 11-Remove an Employee from a Department, provided the IDs
- 12-Remove a Project from an Employee, provided the IDs