

**COLLEGE OF ENGINEERING AND
ARCHITECTURE**

**ACADEMIC YEAR 2022-2023
FALL SEMESTER**

COURSE : CIS 104

**Lab 4
Array of Objects**

Consider the following UML diagrams:

Employee
-name: String -age: int -gender: char
+ Employee () + Employee (String name, int age, char gender) + setName (String name): void + setAge(int age): void + setGender(char gender): void + getNmae(): String + getAge(): int + getGender(): char + toString(): String + display(): void

Company
-name: String -ArrEmp [] : Employee - nbe: int
+ Company () + Company (int size) + insertEmployee (Employee EE): Boolean + averageOfAge(): double + oldestEmployee(): Employee + findEmployeeByName(String name): boolean + findEmployee (Employee EE): int + deleteEmployee (Employee EE): Boolean + displayAll(): void

Write a main method to test your methods.