Create package com.

1) Create a class Employee with below attributes:

Make all the attributes private. Create corresponding getters and setters.

Create a constructor which takes all parameters in the above sequence. The constructor should set the value of attributes to parameter values inside the constructor.

2) Create a class Office with below attributes:

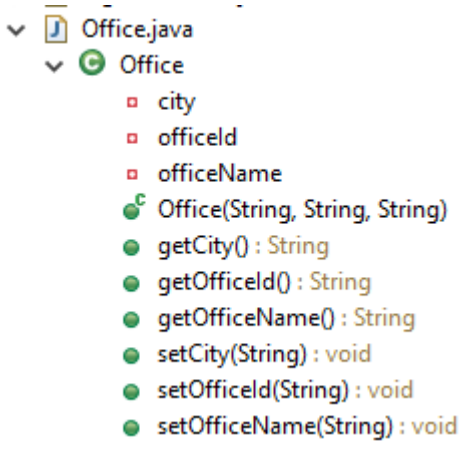
Make all the attributes private. Create corresponding getters and setters.

Follow below order of constructor.

officeId : String

officeName : String

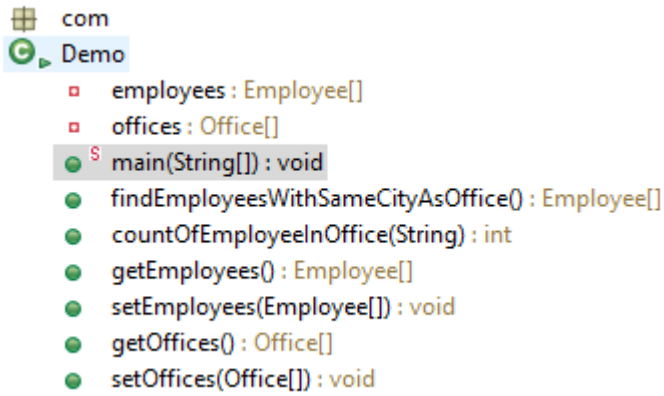
city : String



Create a constructor which takes all parameters in the above sequence. The constructor should set the

value of attributes to parameter values inside the constructor.

3) Create a Demo Class with outline as follows :



Method **findEmployeesWithSameCityAsOffice()** returns a Array of Employees containing the employees who has their offices in the same city.

Notes : It should only return the list of employees where in the employee and employee's office has the same city.
For each epmployee, it should verify the officeId and city from the Office array present inside the Demo class.

Method **countOfEmployeeInOffice(String officeId)** returns the count of employees who works in the same office as passed in the parameter.

Please ensure that class names, attribute names, method signature etc. is same as above. Else your code will fail and score would be zero.

Refer below sample main method and test the output. You can copy the same code in main method and test the implementation.

Next submit the code in iASCERT for evaluation. Also, upload the code in iON assignment activity.
Sample main method

```
public static void main(String args[]){

		Employee emp1 = new Employee("emp100", "James", 28, "Thane", "Office50");
		Employee emp2 = new Employee("emp101", "Michael", 26, "Mumbai", "Office51");
		Employee emp3 = new Employee("emp102", "Laura", 32, "Indore", "Office52");
		Employee emp4 = new Employee("emp103", "Jeffy", 26, "Thane", "Office50");
		Employee emp5 = new Employee("emp104", "Allen", 26, "Mumbai", "Office52");

		Employee[] employees = {emp1, emp2, emp3, emp4,emp5};

		Office office1 = new Office("Office50", "Yantra Park", "Thane");
		Office office2 = new Office("Office51", "Baniyan Park", "Mumbai");
		Office office3 = new Office("Office52", "Garima Park", "Ahemdabad");

		Office[] offices = {office1, office2, office3};

		Demo demo = new Demo();
		demo.setEmployees(employees);
		demo.setOffices(offices);


		Employee[] employeeList = demo.findEmployeesWithSameCityAsOffice();
		for(Employee emp : employeeList){
			if(emp!=null)
				System.out.println(emp.getEmpName());

			}
```

```
                System.out.println(demo.countOfEmployeeInOffice("Office52"));

                }
```

Output of the Program :

```
James
Michael
Jeffy
2
```