Steps of the code-challenge task

Task 1

Created a new entity in model for ReportingStructure

Created endpoint in the employee controller i.e., getReporting for the ajax request

Created a new method GetReportingStructureById in the EmployeeService

Created a new method GetReportingStructureById in the EmployeeRespository

This method counts the number of people reporting to a given employee

Task2

Created a initial seed data for compensation in the CompensationData.json

Created a new entity for Compensation in model

Created a new method for loading the compensation data from the json file

Created a new repository interface i.e., ICompensationRespository for the functions of compensation (Add/GetById) in the Repositories

Created a new repository CompensationRespository for the implementation of the interface methods declared in ICompensationRespository in the Repositories

Implemented the corresponding methods in the services in order to consume the Compensation Repository

Created a new service interface i.e. ICompenationService for the functions of compensation (Add/GetById) in the Services

Created a new service file i.e. CompenationService for the implementation of the interface methods declared in ICompenationService in the Services
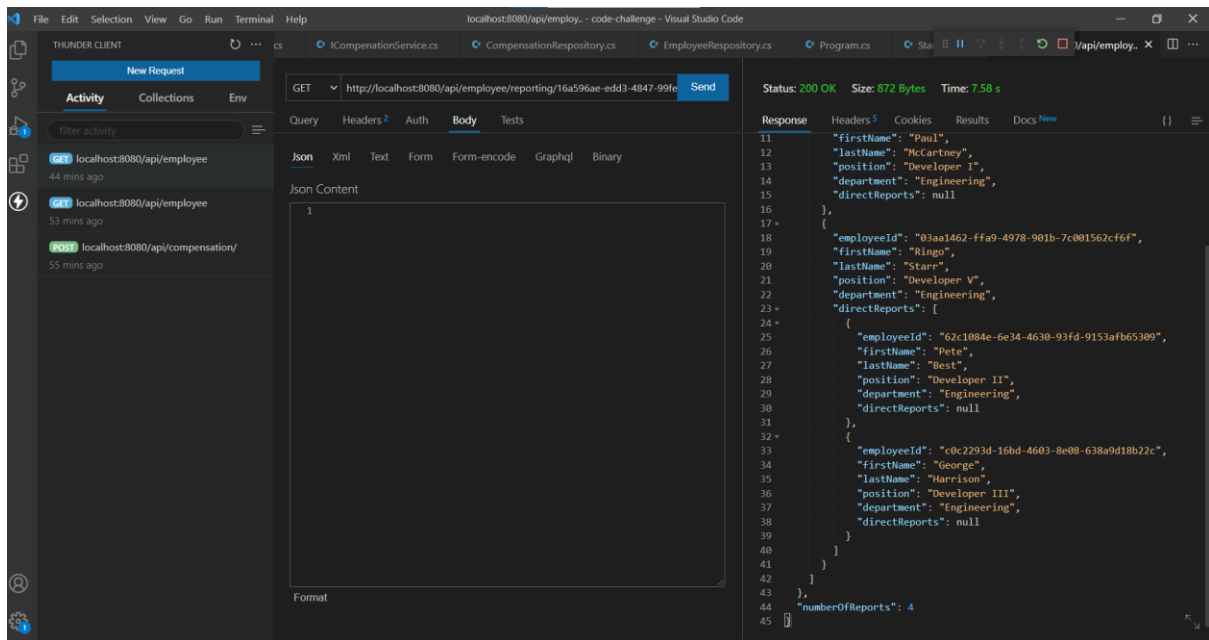
Registered CompensationRespository and CompensationService in startup.cs

Following are the Request URI for Tasks

Task 1

http://localhost:8080/api/employee/reporting/16a596ae-edd3-4847-99fe-c4518e82c86f

Steps of the code-challenge task

Task 2

http://localhost:8080/api/compensation/

JSON Body for the POST request

```
{
    "employeeId": "b7839309-3348-463b-a7e3-5de1c168beb3",
    "salary": 60000,
    "effectiveDate": "2022-04-10T18:50:33.295Z"
}
```

Steps of the code-challenge task