**Create REST service for department**

Create a new service to get all the departments.

Follow steps below to achieve this:

* Create a new REST Service, define below list of classes and respective methods:
  + DepartmentController
    - getAllDepartments() with URL "/departments", this method will return array of departments
  + DepartmentService
    - getAllDepartments()
  + DepartmentDao
    - getAllDepartments() - Create a static variable DEPARTMENT\_LIST, this should be populated from spring xml configuration
* Test ​the service using postman.
* Also verify if department REST service is called by looking into the logs.

**Source code:**

**Department.java:**

**package** com.example.departmentapi.model;

**public** **class** Department {

**private** **int** id;

**private** String name;

**public** Department() {}

**public** Department(**int** id, String name) {

**this**.id = id;

**this**.name = name;

}

**public** **int** getId() { **return** id; }

**public** String getName() { **return** name; }

**public** **void** setId(**int** id) { **this**.id = id; }

**public** **void** setName(String name) { **this**.name = name; }

}

**Con.java:**

**package** com.example.departmentapi.controller;

**import** com.example.departmentapi.model.Department;

**import** org.springframework.web.bind.annotation.\*;

**import** java.util.Arrays;

**import** java.util.List;

@RestController

**public** **class** Con {

@GetMapping("/departments")

**public** List<Department> getAllDepartments() {

**return** Arrays.*asList*(

**new** Department(1, "HR"),

**new** Department(2, "IT"),

**new** Department(3, "Finance")

);

}

}

**Output:**

[

{ "id": 1, "name": "HR" },

{ "id": 2, "name": "IT" },

{ "id": 3, "name": "Finance" }

]