

eclipse - Department/src/TASK/Dept2.java - Eclipse IDE

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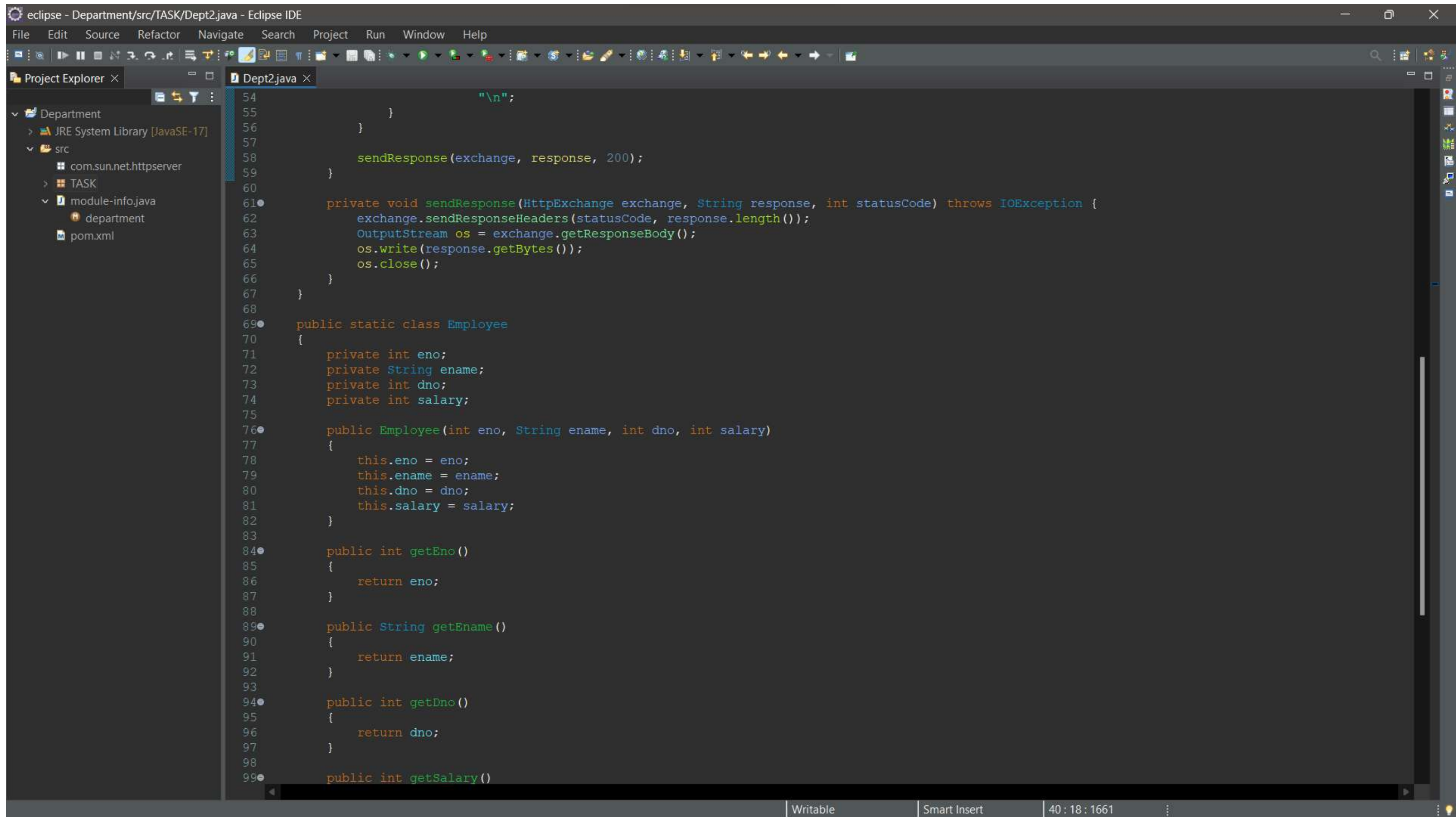
Project Explorer

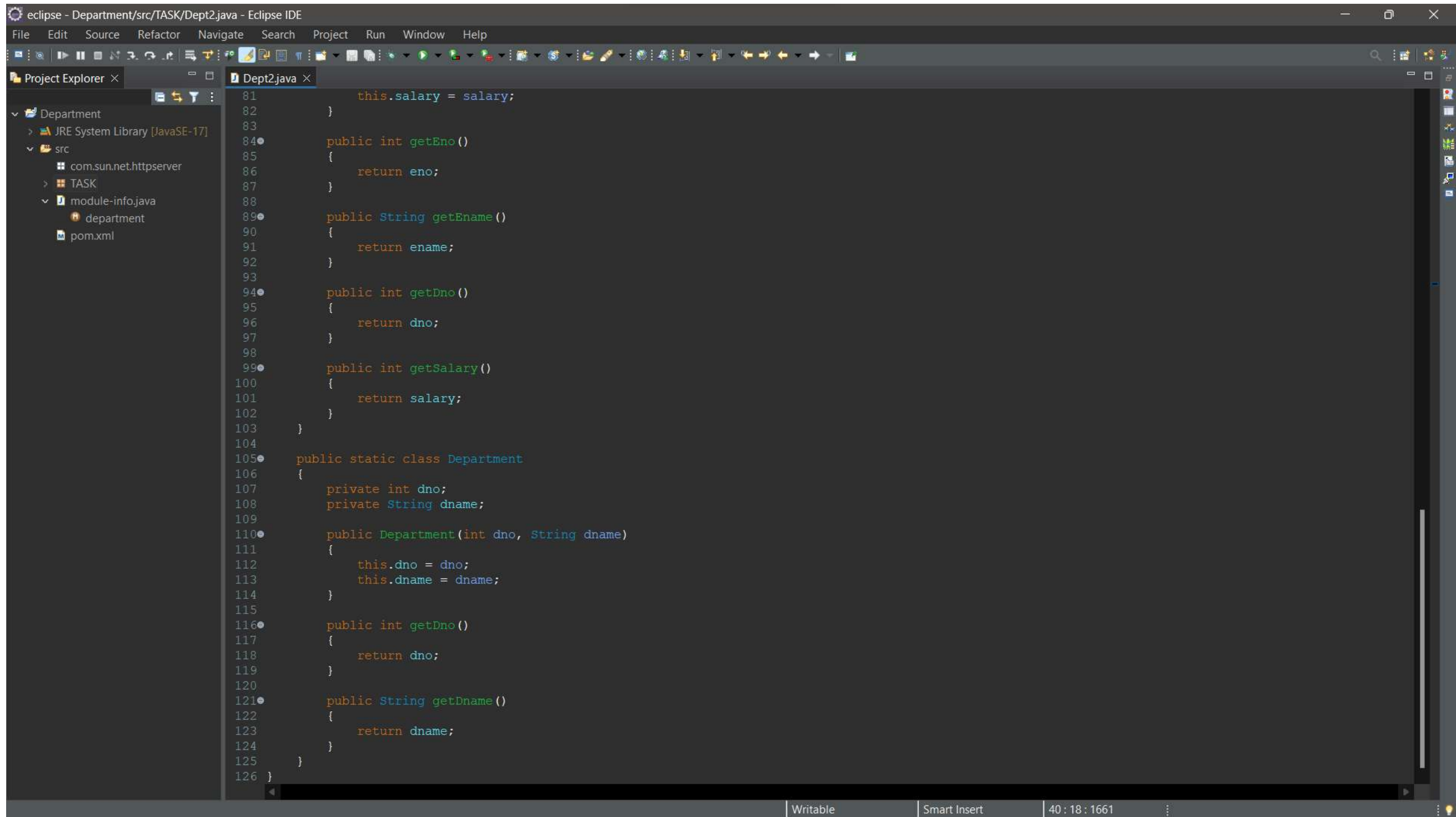
- Department
  - JRE System Library [JavaSE-17]
  - src
    - com.sun.net.httpserver
    - TASK
      - module-info.java
      - department
      - pom.xml

Dept2.java

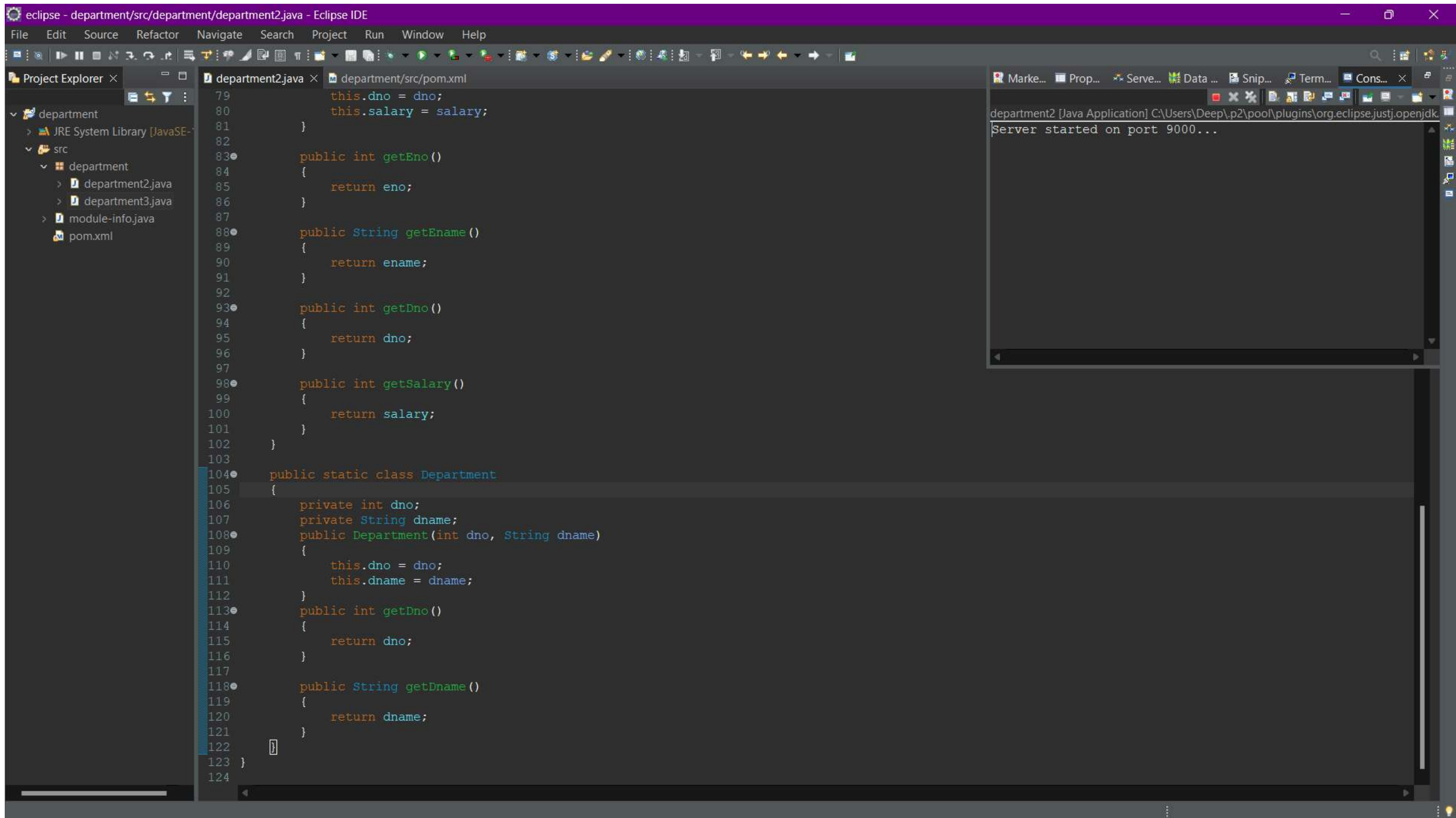
```
1 package TASK;
2 import java.io.IOException;
11
12 public class Dept2 {
13     private static Map<Integer, String> departmentDatabase = new HashMap<>();
14     private static Map<Integer, Employee> employeeDatabase = new HashMap<>();
15
16     public static void main(String[] args) throws IOException {
17         // Populate the in-memory databases
18         departmentDatabase.put(10, "Admin");
19         departmentDatabase.put(20, "Accounts");
20         departmentDatabase.put(30, "Sales");
21         departmentDatabase.put(40, "Marketing");
22         departmentDatabase.put(50, "Purchasing");
23
24         employeeDatabase.put(1, new Employee(1, "Amal", 10, 30000));
25         employeeDatabase.put(2, new Employee(2, "Shyamal", 30, 50000));
26         employeeDatabase.put(3, new Employee(3, "Kamal", 40, 10000));
27         employeeDatabase.put(4, new Employee(4, "Nirmal", 50, 60000));
28         employeeDatabase.put(5, new Employee(5, "Bimal", 20, 40000));
29         employeeDatabase.put(6, new Employee(6, "Parimal", 10, 20000));
30
31         // Create an HTTP server
32         HttpServer server = HttpServer.create(new InetSocketAddress(9000), 0);
33         server.createContext("/api", new DepartmentNameHandlers());
34         server.start();
35
36         System.out.println("Server started on port 9000...");
37     }
38
39     static class DepartmentNameHandlers implements HttpHandler {
40         @Override
41         public void handle(HttpExchange exchange) throws IOException {
42             String response = "List of employee details in the 'Admin' department:\n";
43
44             for (Employee employee : employeeDatabase.values()) {
45                 int dno = employee.getDno();
46                 String departmentName = departmentDatabase.get(dno);
47                 Department department = new Department(employee.getDno(), departmentName);
48
49                 if (departmentName != null && departmentName.equals("Admin")) {
50                     response += "ENO: " + employee.getEno() +
51                             ", ENAME: " + employee.getEname() +
52                             ", DNO: " + department.getDno() +
53                             ", SALARY: " + employee.getSalary() +
54                     "\n";
55                 }
56             }
57         }
58     }
59 }
```


Writable | Smart Insert | 40 : 18 : 1661











 Pentonix | Internship Assessment

 Your Repositories


 localhost:9000/api/admin-emplo


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↻


 localhost:9000/api/admin-employees











⋮

 View Result

 ChatGPT

 Wipro Training

 Accenture

 Oracle

List of employee details in the 'Admin' department:  
ENO: 1, ENAME: Amal, DNO: 10, SALARY: 30000  
ENO: 6, ENAME: Parimal, DNO: 10, SALARY: 20000

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Workspaces ▾

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New

Import

Overview

GET http://localhost:9000/api/

+

⋮

No Environment ▾

Collections

+

⋮

Environments

History

⌵ Pentonix

GET http://localhost:9000/api?ENO=1

GET http://localhost:9000/api/admi...

Pentonix / http://localhost:9000/api/admin-employees

Save ▾

GET ▾ http://localhost:9000/api/admin-employees

Send ▾

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

	Key	Value	Description	⋮ Bulk Edit
	Key	Value	Description	

Body

Cookies

Headers (2)

Test Results

Status: 200 OK Time: 2 ms Size: 220 B Save as Example ⋮

Pretty

Raw

Preview

Visualize

Text ▾

1

List of employee details in the 'Admin' department:

2

ENO: 1, ENAME: Amal, DNO: 10, SALARY: 30000

3

ENO: 6, ENAME: Parimal, DNO: 10, SALARY: 20000

4

📄 Online

🔍 Find and replace

📄 Console

▶ Runner

📡 Capture requests

🍪 Cookies

🗑️ Trash

⚙️

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