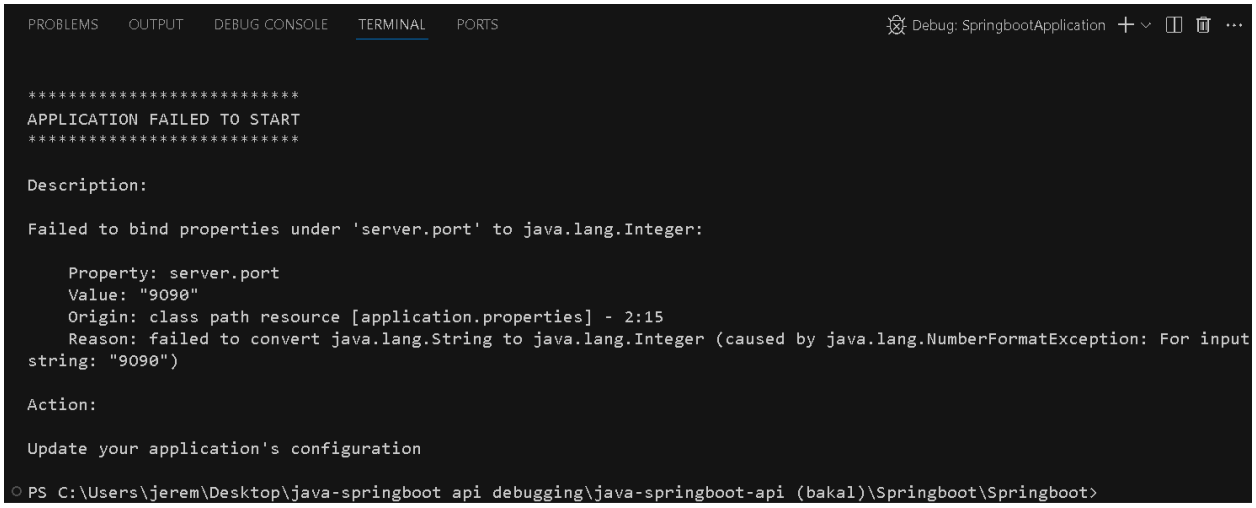
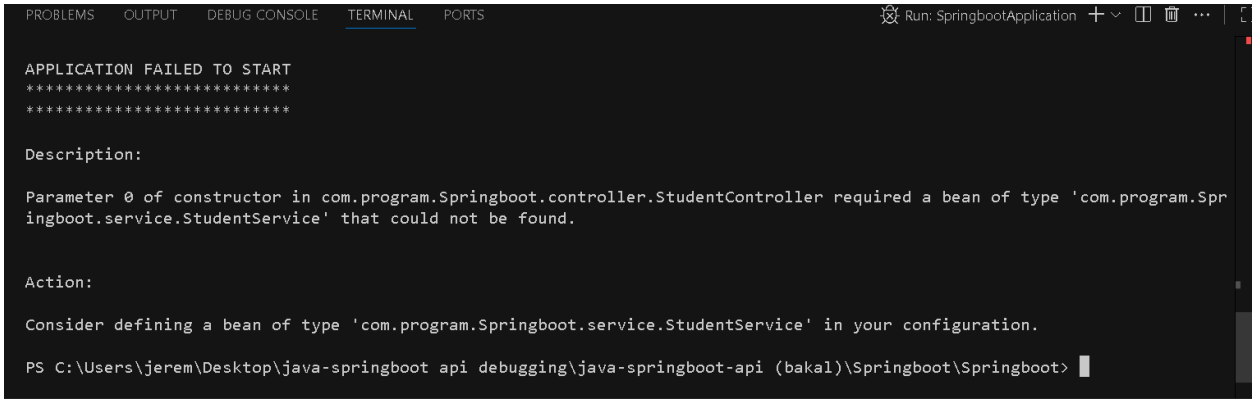
DEBUGGING ASSESSMENT (JAVA+SPRINGBOOT)

Task 1
Run the program and observe what happens.



Task 2 & Task 3
Fix the next two errors.
💡 *Hint: There are 2 issues you need to resolve here.*

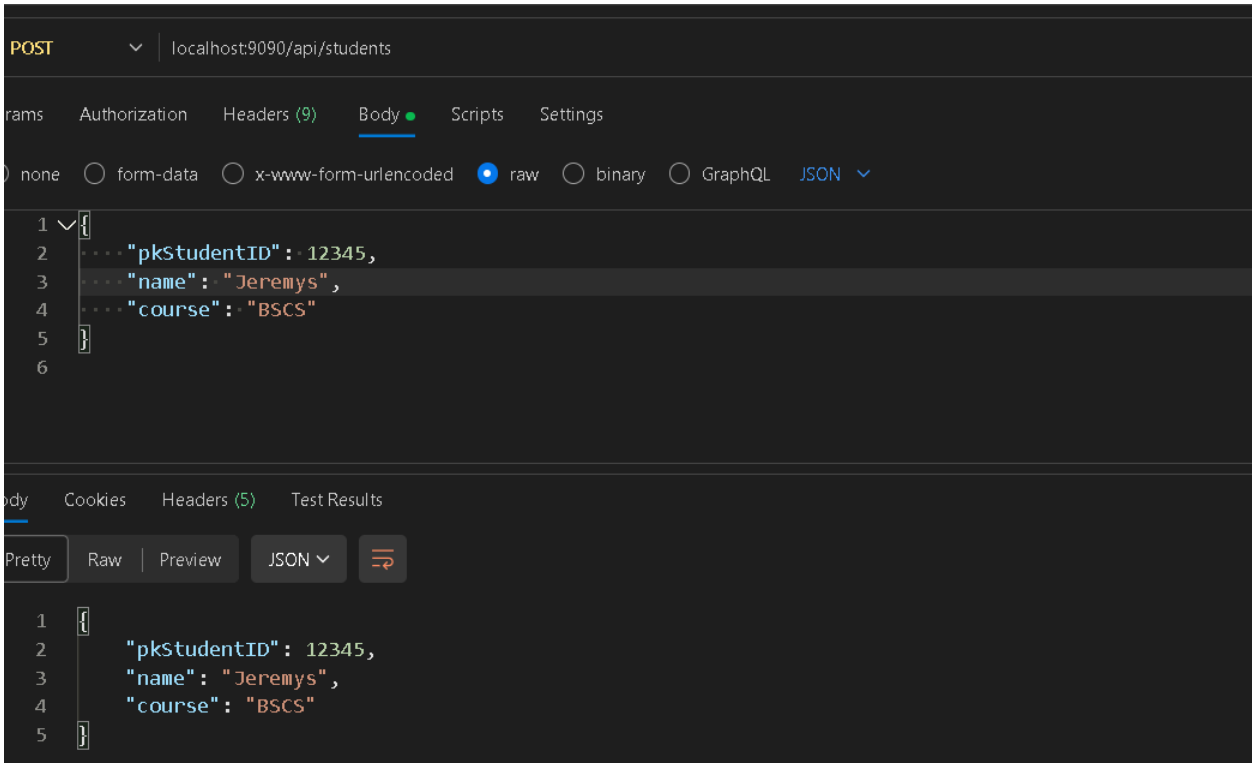


Task #4

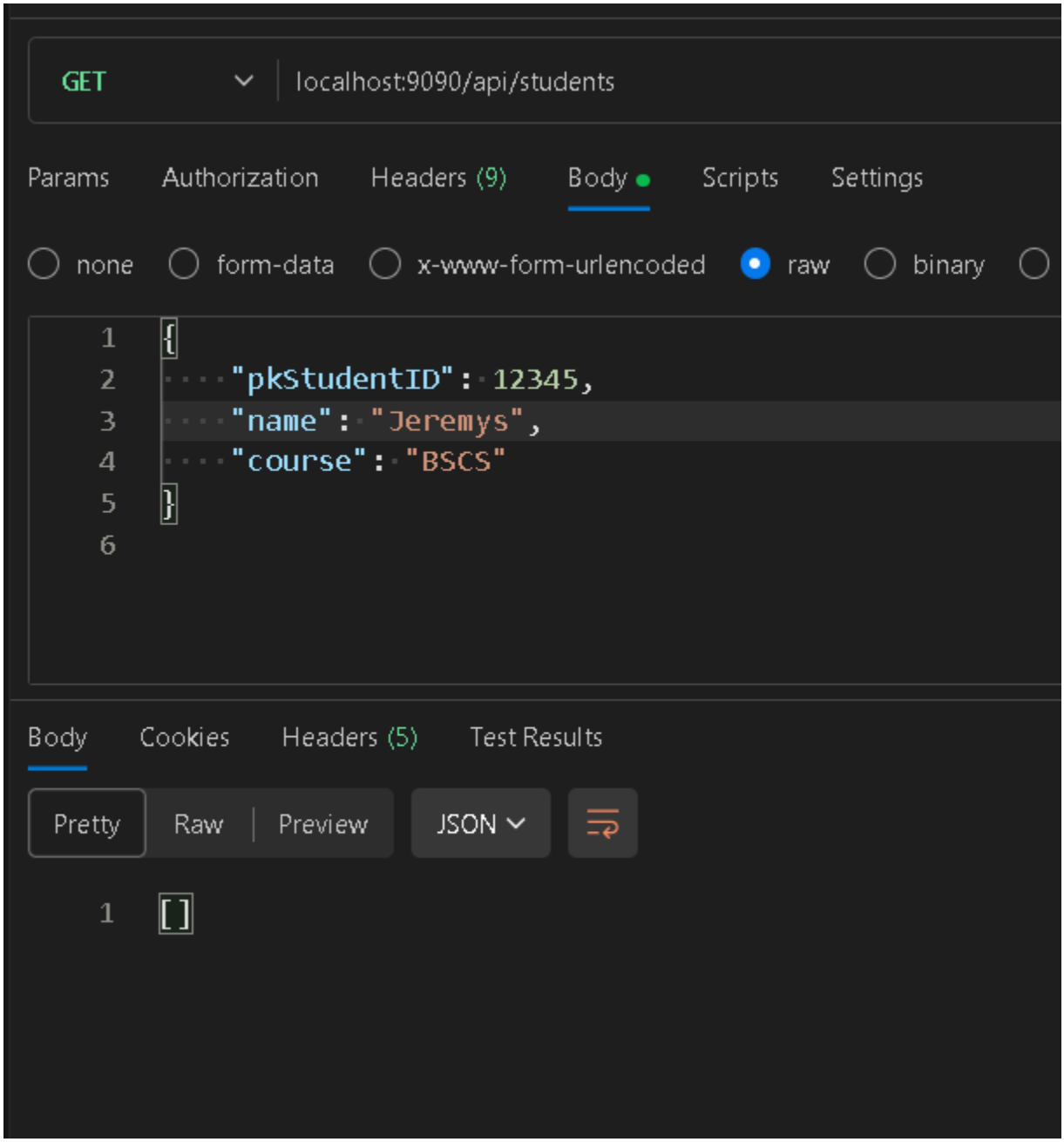
Task 4
You are tasked to add a student into the HashMap.
When done correctly, adding this student:

```
{
    "pkStudentID": 12345,
    "name": "Jeremy",
    "course": "BSCS"
}
```

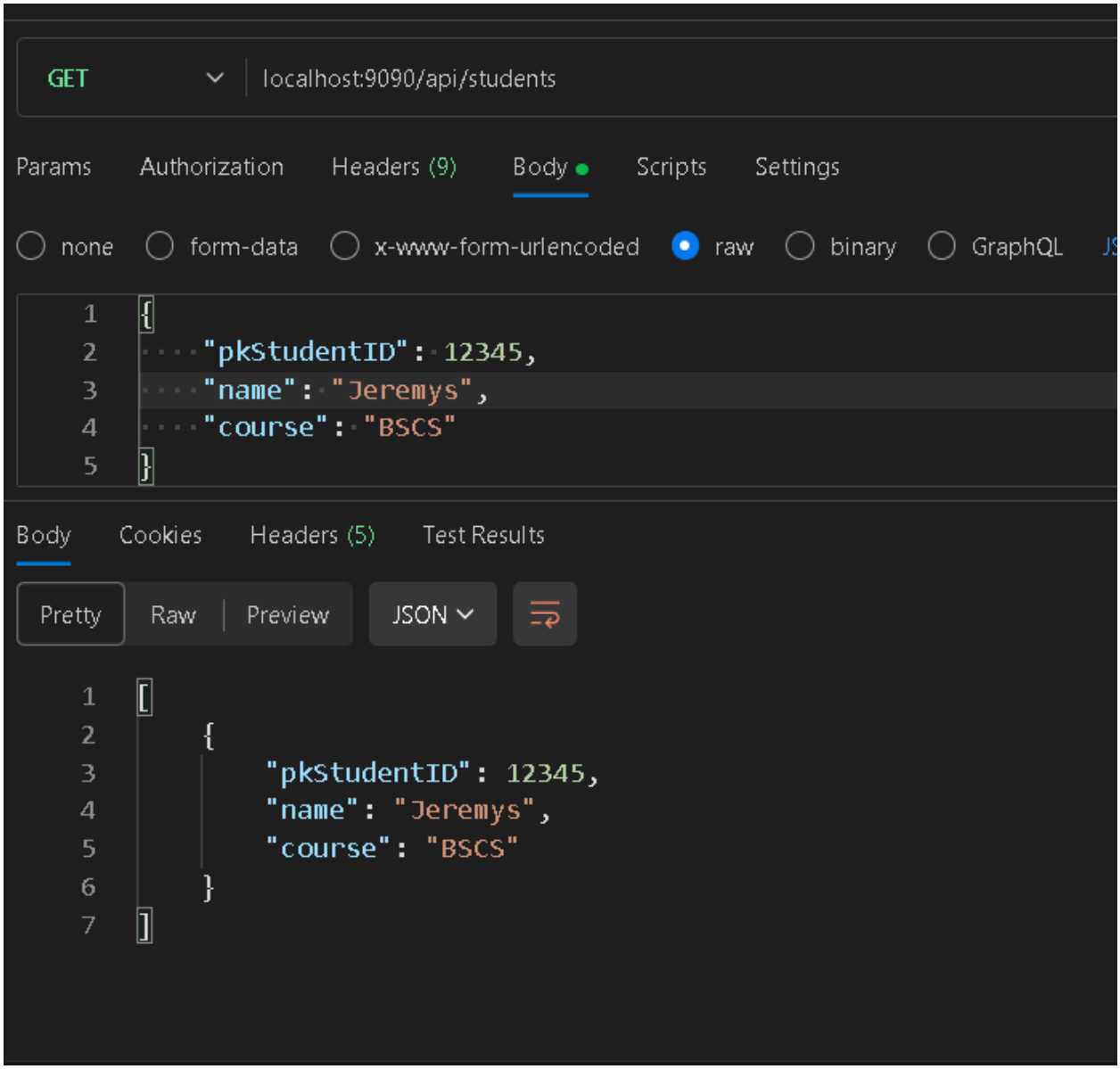
should display the same student data as output.



However, after that, when you try retrieving all students using the provided endpoint in the controller, the response will still appear empty.



But when you try retrieving all students using the given endpoint in the controller, the list will still appear empty — meaning the student was not actually stored successfully.


GET
localhost:9090/api/students
Params
Authorization
Headers (9)
Body
Scripts
Settings
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
{
"pkStudentID": 12345,
"name": "Jeremys",
"course": "BSCS"
}
Body
Cookies
Headers (5)
Test Results
Pretty
Raw
Preview
JSON
[
{
"pkStudentID": 12345,
"name": "Jeremys",
"course": "BSCS"
}
]

Task 5

Finally, you are asked to delete the existing student.

When you call the delete endpoint, it should return:

```
true
```

However, the current behavior is that even though the status code is `200 (OK)`, the response shows:

```
false
```

Your goal is to debug and fix the issue so that the deletion correctly returns `true`. Once this works, you're done with the debugging assessment.