



LAB REPORT 04

SUFYAN HUMMAM MUSHTAQ

SOFTWARE CONSTRUCTION AND DEVELOPMENT

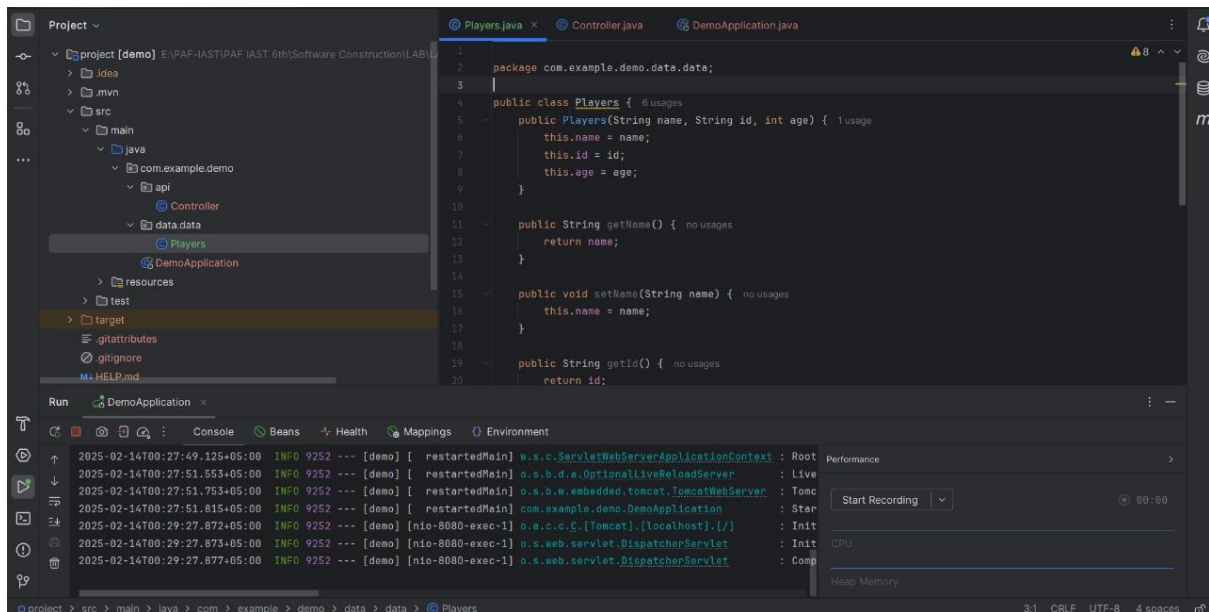


SOFTWARE ENGINEERING GREEN

SUBMITTED TO: MAM ZAINAB TAHIR

DATE: 14 FEB,2025

CREATED TWO CLASSES PLAYERS AND CONTROLLER:



CONTROLLER CLASS:

```
package com.example.demo.api;

import com.example.demo.data.data.Players;
import org.springframework.web.bind.annotation.*;

@RestController
@RequestMapping("/players")

public class Controller {
    @GetMapping("/{playerId}")
    public Players getPlayer(@PathVariable String playerId) {
        return new Players("Sufyan Hummam", playerId, 21);
    }

    @PostMapping("/create")
    public String createPlayer(@RequestBody Players players) {
        return "Player Created";
    }

    @PutMapping("/update")
    public String updatePlayer(@RequestBody Players players) {
        return "Player updated";
    }

    @DeleteMapping("/delete")
    public String deletePlayer(@RequestBody Players players) {
        return "Player deleted";
    }
}
```

PLAYERS CLASS:

```
package com.example.demo.data.data;

public class Players {
    public Players(String name, String id, int age) {
        this.name = name;
        this.id = id;
        this.age = age;
    }

    public String getName() {
        return name;
    }

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

    public String getId() {
        return id;
    }

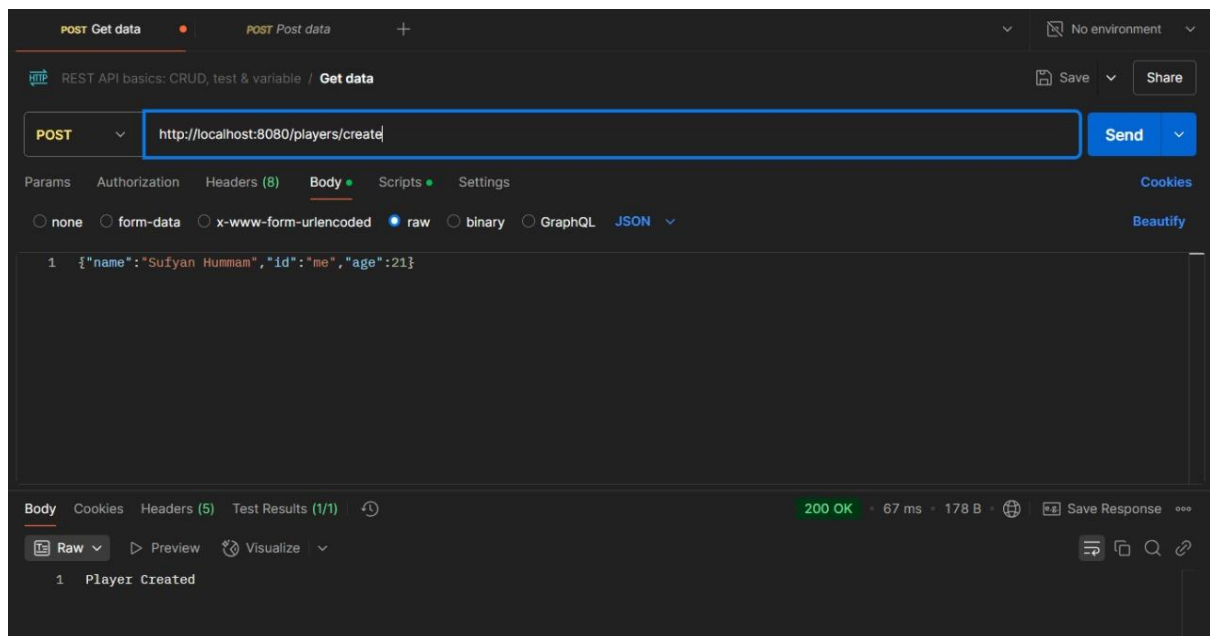
    public void setId(String id) {
        this.id = id;
    }

    public int getAge() {
        return age;
    }

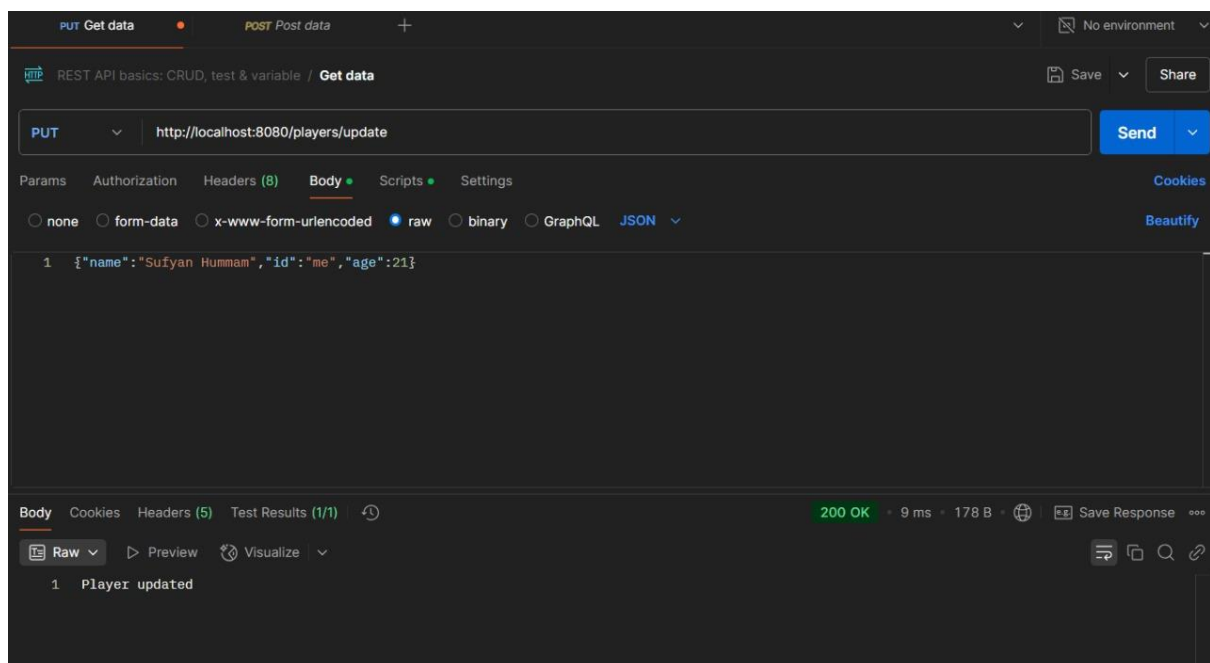
    public void setAge(int age) {
        this.age = age;
    }

    String name;
    String id;
    int age;
}
```

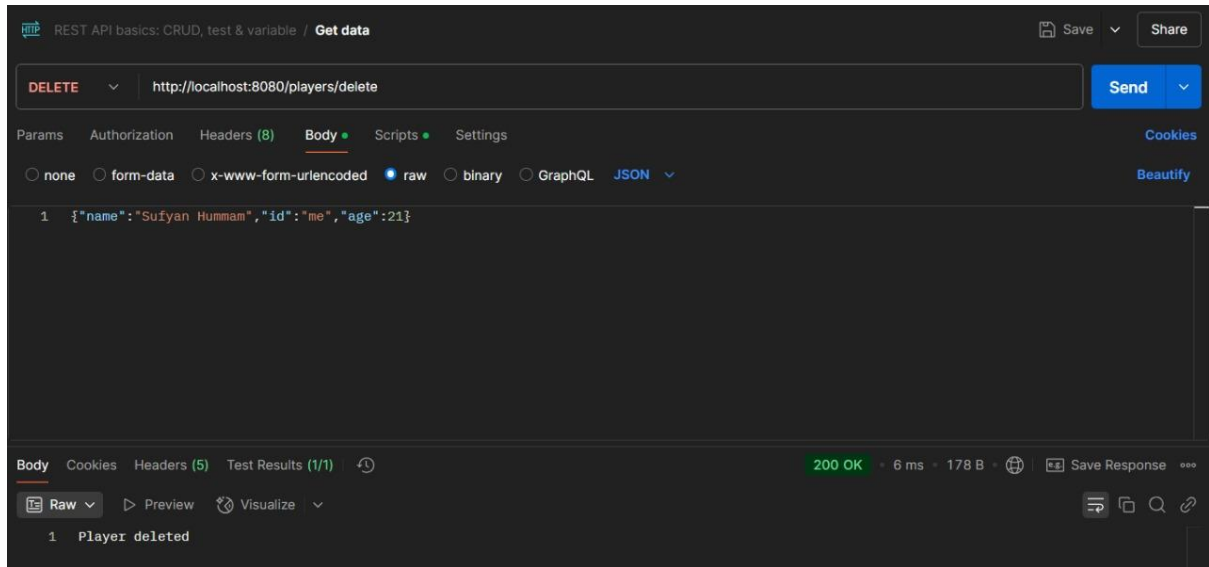
CREATE / POST:



UPDATE / PUT:



DELETE:



GITHUB REPOSITPORY LINK:

<https://github.com/sufyan-hummam/SC-D-LAB>