



Project

java

com.example.homework7

Homework7Application

Student

StudentController

StudentRepository

resources

test

target

Services

HTTP Request

All in scratch_1 [passed: 6 of 6 tests]

DELETE scratch_1 | #2

POST scratch_1 | #3

GET scratch_1 | GET request to example server

Docker

Dev Containers

Containers

homework-7-docker

Images

Networks

Volumes

Run with: No Environment

13 POST http://localhost:8080/student

14 Content-Type: application/json

15

16 {

17 "id": 1,

18 "name": "Mike 1",

19 "matNr": "7411",

20 "Subject": "Software Engineering 1"

HTTP Requests 530 ms

GET http://local 359 ms

Request

Response 359 ms

DELETE http://lo 84 ms

Request

Response 84 ms

POST http://loca 87 ms

Request

Response 87 ms

Stopped. Tests passed: 3 of 6 tests – 530 ms

POST http://localhost:8080/student

Content-Type: application/json

{

"id": 1,

"name": "Mike 1",

"matNr": "7411",

"Subject": "Software Engineering 1"

}

HTTP/1.1 200

Content-Type: application/json

Transfer-Encoding: chunked

Date: Mon, 06 Jan 2025 14:36:02 GMT

Response file saved.

> 2025-01-06T153602-1.200.json

Response code: 200; Time: 87ms (87 ms); Content length: 54 bytes (54 B)

Container CPU usage

0.44% / 800% (8 CPUs available)

Container memory usage

289.7MB / 7.2GB

Show charts



Only show running containers

<input type="checkbox"/>	Name	Container ID	Image	Port(s)	CPU (%)	Last start	Actions
<input type="checkbox"/>	<div><div></div>homework-7-do</div>	4d6bba38d43a	ea4563673		0.34%	22 minut	<div><div></div><div></div><div></div></div>

Project

java

com.example.homework7

Homework7Application

Student

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target

classes

generated-sources

Dockerfile

Homework7Application.java

scratch_1.http

```

1 package com.example.homework7;
2
3 import org.springframework.boot.SpringApplication;
4 import org.springframework.boot.autoconfigure.SpringBootApplication;
5
6 @SpringBootApplication
7 public class Homework7Application {
8
9     public static void main(String[] args) {
10
11         SpringApplication.run(Homework7Application.class, args);
12     }

```

Run

Homework7Application

Console

Actuator

```

2025-01-06T15:34:13.520+01:00 INFO 20632 --- [homework-7] [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.
2025-01-06T15:34:13.593+01:00 INFO 20632 --- [homework-7] [main] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [name: default]
2025-01-06T15:34:13.675+01:00 INFO 20632 --- [homework-7] [main] org.hibernate.Version : HHH000412: Hibernate ORM core version 6.6.2.Final
2025-01-06T15:34:13.725+01:00 INFO 20632 --- [homework-7] [main] o.h.c.internal.RegionFactoryInitiator : HHH000026: Second-level cache disabled
2025-01-06T15:34:14.107+01:00 INFO 20632 --- [homework-7] [main] o.s.o.j.p.SpringPersistenceUnitInfo : No LoadTimeWeaver setup: ignoring JPA class transformer
2025-01-06T15:34:14.178+01:00 WARN 20632 --- [homework-7] [main] org.hibernate.orm.deprecation : HHH9000025: H2Dialect does not need to be specified explicitly using 'hibernate.dialect' (remove the
2025-01-06T15:34:14.201+01:00 INFO 20632 --- [homework-7] [main] org.hibernate.orm.connections.pooling : HHH10001005: Database info:
Database JDBC URL [Connecting through datasource 'HikariDataSource (HikariPool-1)']
Database driver: undefined/unknown
Database version: 2.3.232
Autocommit mode: undefined/unknown
Isolation level: undefined/unknown
Minimum pool size: undefined/unknown
Maximum pool size: undefined/unknown
2025-01-06T15:34:15.416+01:00 INFO 20632 --- [homework-7] [main] o.h.e.t.j.p.i.JtaPlatformInitiator : HHH000489: No JTA platform available (set 'hibernate.transaction.jta.platform' to enable JTA platform)
2025-01-06T15:34:15.478+01:00 INFO 20632 --- [homework-7] [main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default'
2025-01-06T15:34:15.970+01:00 WARN 20632 --- [homework-7] [main] JpaBaseConfiguration$JpaWebConfiguration : spring.jpa.open-in-view is enabled by default. Therefore, database queries may be performed during view
2025-01-06T15:34:16.493+01:00 INFO 20632 --- [homework-7] [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port 8080 (http) with context path '/'
2025-01-06T15:34:16.504+01:00 INFO 20632 --- [homework-7] [main] c.e.homework7.Homework7Application : Started Homework7Application in 5.683 seconds (process running for 6.449)

```

Project

java

com.example.homework7

Homework7Application

Student

StudentController

StudentRepository

resources

test

target

classes

generated-sources

generated-test-sources

maven-archiver

maven-status

surefire-reports

test-classes

Dockerfile

Homework7Application.java

scratch_1.http

+ | | | | | Run with: No Environment

1 ### GET request to example server

2 GET http://localhost:8080/student?id=1

3 Accept: application/json

4

5 <> 2025-01-06T153602.200.json

6

7 ###

8

9 DELETE http://localhost:8080/student?id=1

10

11 ###

12

13 POST http://localhost:8080/student

14 Content-Type: application/json

15

16 {

What's New in 2024.2

Example

Services

+ | | | | |

HTTP Request

All in scratch_1 [passed: 6 of 6 tests]

DELETED scratch_1 | #2

POST scratch_1 | #3

GET scratch_1 | GET request to example server

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Volumes

+ | | | | |

HTTP Requests 530 ms

Stopped. Tests passed: 3 of 6 tests - 530 ms

GET http://local 359 ms

Request

Response 359 ms

DELETE http://lo 84 ms

Request

Response 84 ms

POST http://loca 87 ms

Request

Response 87 ms

GET http://localhost:8080/student?id=1

Accept: application/json

HTTP/1.1 200

Content-Type: application/json

Transfer-Encoding: chunked

Date: Mon, 06 Jan 2025 14:36:02 GMT

Response file saved.

> 2025-01-06T153602.200.json

Response code: 200; Time: 359ms (359 ms); Content length: 74 bytes (74 B)

Services



API HTTP Request

✓ All in scratch_1 [passed: 6 of 6 tests]

DEFI FTF scratch_1 | #2

POST scratch_1 | #3

GET scratch_1 | GET request to example server

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homework-7-docker

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✓ HTTP Requests 530 ms

✓ GET http://local 359 ms

✓ Request

✓ Response 359 ms

✓ DELETE http://lo 84 ms

✓ Request

✓ Response 84 ms

✓ POST http://loca 87 ms

✓ Request

✓ Response 87 ms

✓ Stopped. Tests passed: 3 of 6 tests – 530 ms

DELETE <http://localhost:8080/student?id=1>

HTTP/1.1 200

Content-Length: 0

Date: Mon, 06 Jan 2025 14:36:02 GMT

<Response body is empty>

Response code: 200; Time: 84ms (84 ms); Content length: 0 bytes (0 B)

```
Project Maven
Terminal Local x + v
2025-01-06T13:30:31.891+01:00 INFO 11688 --- [homework-7] [main] c.e.homework7.Homework7Application : No active profile set, falling back to 1 default profile: "default"
2025-01-06T13:30:32.978+01:00 INFO 11688 --- [homework-7] [main] .s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT mode.
2025-01-06T13:30:33.083+01:00 INFO 11688 --- [homework-7] [main] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 83 ms. Found 1 JPA repository interface.
2025-01-06T13:30:33.984+01:00 INFO 11688 --- [homework-7] [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port 8080 (http)
2025-01-06T13:30:34.016+01:00 INFO 11688 --- [homework-7] [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2025-01-06T13:30:34.016+01:00 INFO 11688 --- [homework-7] [main] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/10.1.33]
2025-01-06T13:30:34.065+01:00 INFO 11688 --- [homework-7] [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2025-01-06T13:30:34.073+01:00 INFO 11688 --- [homework-7] [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 2084 ms
2025-01-06T13:30:34.262+01:00 INFO 11688 --- [homework-7] [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...
2025-01-06T13:30:34.530+01:00 INFO 11688 --- [homework-7] [main] com.zaxxer.hikari.pool.HikariPool : HikariPool-1 - Added connection conn0: url=jdbc:h2:mem:homework7db user=SA
2025-01-06T13:30:34.539+01:00 INFO 11688 --- [homework-7] [main] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.
2025-01-06T13:30:34.627+01:00 INFO 11688 --- [homework-7] [main] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [name: default]
2025-01-06T13:30:34.733+01:00 INFO 11688 --- [homework-7] [main] org.hibernate.Version : HHH000412: Hibernate ORM core version 6.6.2.Final
2025-01-06T13:30:34.806+01:00 INFO 11688 --- [homework-7] [main] o.h.c.internal.RegionFactoryInitiator : HHH000026: Second-level cache disabled
2025-01-06T13:30:35.317+01:00 INFO 11688 --- [homework-7] [main] o.s.o.j.p.SpringPersistenceUnitInfo : No LoadTimeWeaver setup; ignoring JPA class transformer
2025-01-06T13:30:35.414+01:00 WARN 11688 --- [homework-7] [main] org.hibernate.orm.deprecation : HHH0000025: H2Dialect does not need to be specified explicitly using 'hibernate.dialect' (remove the property setting and it will be selected by default)
2025-01-06T13:30:35.441+01:00 INFO 11688 --- [homework-7] [main] org.hibernate.orm.connections.pooling : HHH10001005: Database info:
Database JDBC URL [Connecting through datasource 'HikariDataSource (HikariPool-1)']
Database driver: undefined/unknown
Database version: 2.3.232
Autocommit mode: undefined/unknown
Isolation level: undefined/unknown
Minimum pool size: undefined/unknown
Maximum pool size: undefined/unknown
2025-01-06T13:30:36.562+01:00 INFO 11688 --- [homework-7] [main] o.h.e.t.j.p.i.JtaPlatformInitiator : HHH000489: No JTA platform available (set 'hibernate.transaction.jta.platform' to enable JTA platform integration)
2025-01-06T13:30:36.609+01:00 INFO 11688 --- [homework-7] [main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default'
2025-01-06T13:30:37.222+01:00 WARN 11688 --- [homework-7] [main] JpaBaseConfiguration$JpaWebConfiguration : spring.jpa.open-in-view is enabled by default. Therefore, database queries may be performed during view rendering. Explicitly configure spring.jpa.open-in-view to disable this warning
2025-01-06T13:30:37.878+01:00 INFO 11688 --- [homework-7] [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port 8080 (http) with context path '/'
2025-01-06T13:30:37.902+01:00 INFO 11688 --- [homework-7] [main] c.e.homework7.Homework7Application : Started Homework7Application in 6.847 seconds (process running for 7.757)
2025-01-06T14:02:05.135+01:00 WARN 11688 --- [homework-7] [l-1 housekeeper] com.zaxxer.hikari.pool.HikariPool : HikariPool-1 - Thread starvation or clock leap detected (housekeeper delta=6m267ms427µs).
2025-01-06T14:04:00.748+01:00 INFO 11688 --- [homework-7] [ionShutdownHook] o.s.b.w.e.tomcat.GracefulShutdown : Commencing graceful shutdown. Waiting for active requests to complete
PS C:\Users\mikew\Repository\homeworkGruppeMS8\homework-7\target> 2025-01-06T14:04:00.799+01:00 INFO 11688 --- [homework-7] [tomcat-shutdown] o.s.b.w.e.tomcat.GracefulShutdown : Graceful shutdown complete
2025-01-06T14:04:00.806+01:00 INFO 11688 --- [homework-7] [ionShutdownHook] j.LocalContainerEntityManagerFactoryBean : Closing JPA EntityManagerFactory for persistence unit 'default'
```