

## 09\_Homework

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### Exercise 1:

Figure 1: Running Maven Package Command

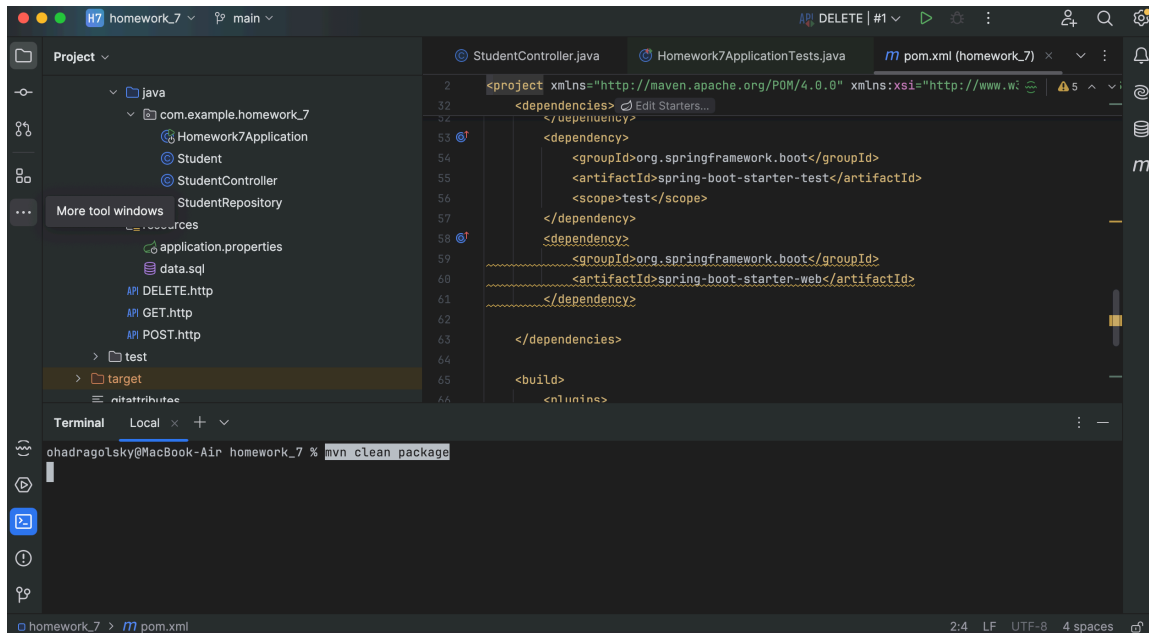


Figure 2: Check for Build Success

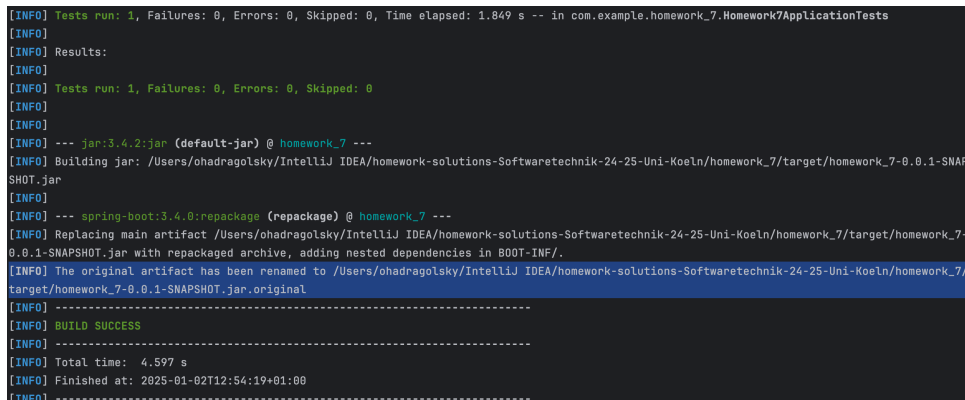
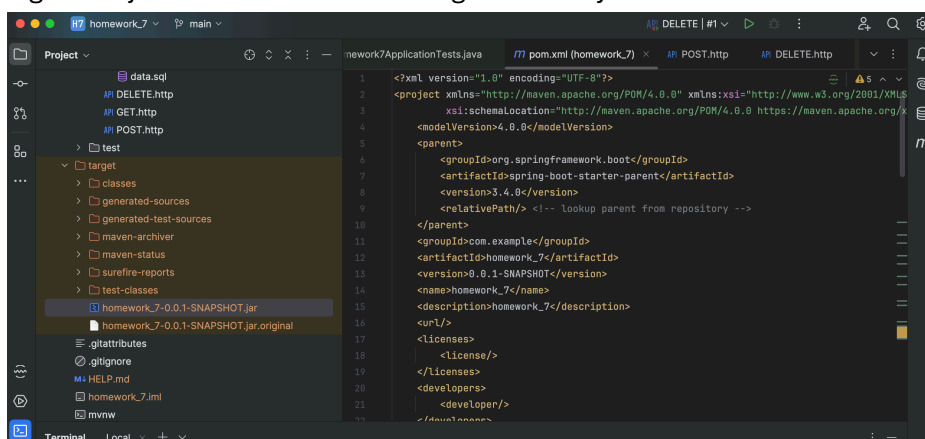


Figure 3: .jar file is located in the target directory





### Figure 2.1: Dockerfile & Building the Docker Image

[illegible][illegible]

Figure 2.3: GET - Application is running and working as expected

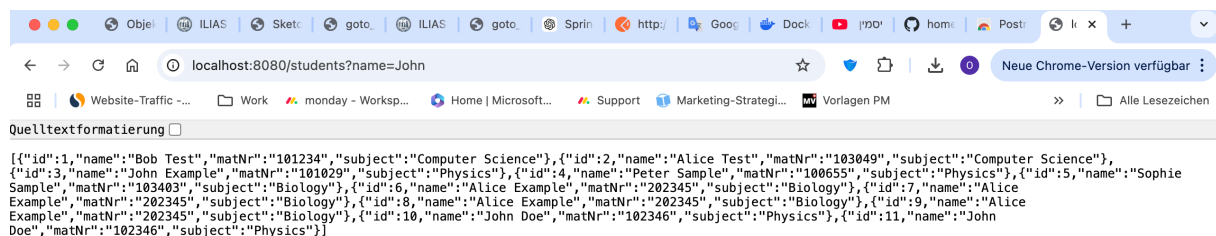
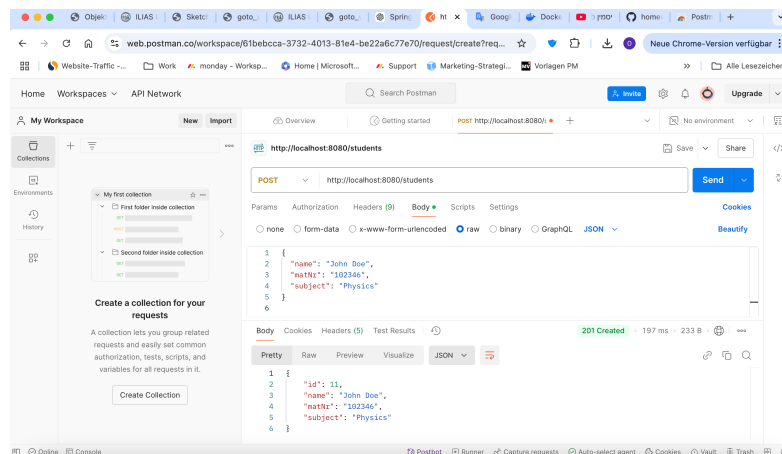
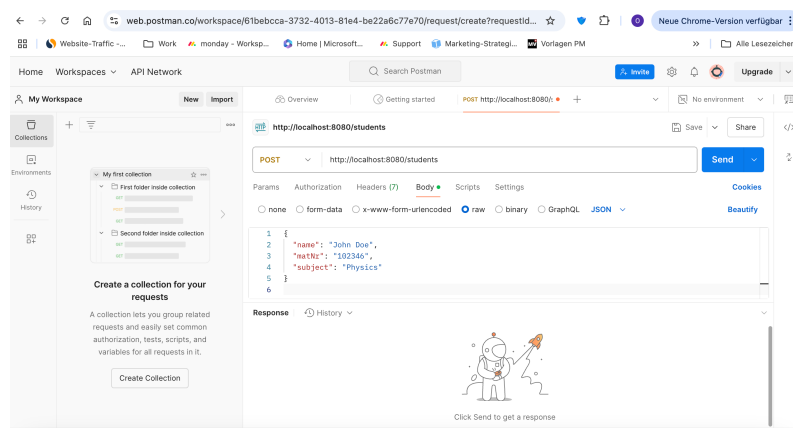
A screenshot of a web browser window. The address bar shows the URL 'localhost:8080/students/1'. The browser's tab bar shows several tabs: 'Website-Traffic - ...', 'Work', 'monday - Worksp...', 'Home | Microsoft...', 'Support', 'Marketing-Strategi...', and 'Vorlagen PM'. A notification in the top right corner says 'Neue Chrome-Version verfügbar'. The developer console is open, showing a JSON object: 

```
{ "id": 1, "name": "Bob Test", "matNr": "101234", "subject": "Computer Science" }
```

Figure 2.4: GET - http://localhost:8080/students



Figure 2.5-2.7: POST



## Exercise 3: CI/CD

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Q Type to search

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

← CI/CD Pipeline

Create CI\_CD.yml #1

Re-run all jobs Latest #2

Summary

Jobs

Run details

Usage

Workflow file

Re-run triggered 1 minute ago

Status

Total duration

Artifacts

OhadRogo

07535ef

main

Success

36s

—

CI\_CD.yml

on: push

build 28s

Annotations

1 warning

build

ubuntu-latest pipelines will use ubuntu-24.04 soon. For more details, see <https://github.com/actions/runner-images/issues/10636>

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Q Type to search

<> Code

Issues

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Wiki

Security

Insights

Settings

Actions

New workflow

All workflows

CI/CD Pipeline

Management

Caches

Attestations

Runners

Usage metrics

Performance metrics

All workflows

Showing runs from all workflows

Filter workflow runs

4 workflow runs

Event

Status

Branch

Actor

Create CI\_CD.yml

CI/CD Pipeline #1: Commit 07535ef pushed by OhadRogo

main

3 minutes ago

36s

...

Update ci-cd.yml

CI/CD Pipeline #15: Commit 36e55c6 pushed by OhadRogo

main

5 minutes ago

18s

...

Update ci-cd.yml

CI/CD Pipeline #11: Commit 36e55c6 pushed by OhadRogo

main

5 minutes ago

15s

...

Update ci-cd.yml

CI/CD Pipeline #10: Commit 73e04bd pushed by OhadRogo

main

6 minutes ago

18s

...

build

succeeded 1 minute ago in 29s

Search logs

Set up job

Checkout code

List all files

Set up Java

Build with Maven

Run tests

Post Set up Java

Post Checkout code

Complete job

1s

1s

0s

4s

14s

7s

0s

0s

0s