

Lab 3

← → ↻ ⓘ localhost:8080/h2-console/login.jsp?jsessionid=7d3a991e1c42064d410df1bbbc0fbda3

English ▾ Preferences Tools Help

Login

Saved Settings: Generic H2 (Embedded) ▾

Setting Name: Generic H2 (Embedded) Save Remove

Driver Class: org.h2.Driver

JDBC URL: jdbc:h2:~/test

User Name: sa

Password:

Connect Test Connection

← → ↻ ⓘ localhost:8080/h2-console/test.do?jsessionid=7d3a991e1c42064d410df1bbbc0fbda3 ☆ 📄 ⬇️ Ⓢ ⋮

English ▾ Preferences Tools Help

Login

Saved Settings: Generic H2 (Embedded) ▾

Setting Name: Generic H2 (Embedded) Save Remove

Driver Class: org.h2.Driver

JDBC URL: jdbc:h2:mem:productdb

User Name: sa

Password:

Connect Test Connection

Test successful

localhost:8080/h2-console/login.do?sessionId=7d3a991e1c42064d410df1bbbc0fbda3

Auto commit: OnMax rows: 1000Auto complete: OffAuto select: On

jdbc:h2:mem:productdb
PRODUCT
INFORMATION_SCHEMA
Users
H2 2.4.240 (2025-09-22)

Run | Run Selected | Auto complete | Clear | SQL statement

SELECT * FROM PRODUCT

Important Commands

?	Displays this Help Page
⌘	Shows the Command History
Ctrl+Enter	Executes the current SQL statement
Shift+Enter	Executes the SQL statement defined by the text selection
Ctrl+Space	Auto complete
⌫	Disconnects from the database

Sample SQL Script

Delete the table if it exists	DROP TABLE IF EXISTS TEST;
Create a new table with ID and NAME columns	CREATE TABLE TEST(ID INT PRIMARY KEY, NAME VARCHAR(255));
Add a new row	INSERT INTO TEST VALUES(1, 'Hello');
Add another row	INSERT INTO TEST VALUES(2, 'World');
Query the table	SELECT * FROM TEST ORDER BY ID;
Change data in a row	UPDATE TEST SET NAME='Hi' WHERE ID=1;
Remove a row	DELETE FROM TEST WHERE ID=2;
Help	HELP ...

Adding Database Drivers

Additional database drivers can be registered by adding the Jar file location of the driver to the environment variables H2DRIVERS or CLASSPATH. Example (Windows): to add the database driver library C:/Programs/hsqldb/lib/hsqldb.jar, set the environment variable H2DRIVERS to C:/Programs/hsqldb/lib/hsqldb.jar

localhost:8080/swagger-ui/index.html

Swagger

/v3/api-docs

Explore

OpenAPI definition

v0 OAS 3.0

/v3/api-docs

Servers

http://localhost:8080 - Generated server url

product-controller

GET /products

POST /products

GET /products/{id}

DELETE /products/{id}

Schemas

GET /products

Parameters

Cancel

No parameters

ExecuteClear

Responses

Curl

```
curl -X 'GET' \
'http://localhost:8080/products' \
-H 'accept: */*'

```

Request URL

```
http://localhost:8080/products

```

Server response

CodeDetails

200

Response body

[]

Download

Response headers

```
connection: keep-alive
content-type: application/json
date: Sat, 12 Feb 2021 05:15:19 GMT

```

POST /products

Parameters

Cancel

No parameters

Request body required

application/json

```
{
  "id": 0,
  "name": "string",
  "price": 0
}
```

ExecuteClear

Responses

GET

/products/{id}

⌵

Parameters

Cancel

Name	Description
id required	
integer(\$int64)	1
(path)	

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:8080/products/1' \
  -H 'accept: */*'
```

Request URL

```
http://localhost:8080/products/1
```

Server response

Code	Details
200	Response headers
	connection: keep-alive content-length: 8

DELETE

/products/{id}

⌵

Parameters

Cancel

Name	Description
id required	
integer(\$int64)	1
(path)	

Execute

Clear

Responses

Curl

```
curl -X 'DELETE' \
  'http://localhost:8080/products/1' \
  -H 'accept: */*'
```

Request URL

```
http://localhost:8080/products/1
```

Server response

Code	Details
200	Response headers