

Lab 3

localhost:8080/h2-console/login.jsp?sessionid=7d3a991e1c42064d410df1bbbc0fbda3

English Preferences Tools Help

Login

Saved Settings: Generic H2 (Embedded) ▾

Setting Name: Generic H2 (Embedded)

Driver Class: org.h2.Driver

JDBC URL: jdbc:h2:~/test

User Name: sa

Password:

localhost:8080/h2-console/test.do?sessionid=7d3a991e1c42064d410df1bbbc0fbda3

English Preferences Tools Help

Login

Saved Settings: Generic H2 (Embedded) ▾

Setting Name: Generic H2 (Embedded)

Driver Class: org.h2.Driver

JDBC URL: jdbc:h2:mem:productdb

User Name: sa

Password:

Test successful

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

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

Auto commit: On | Max rows: 1000 | Run Selected | Auto complete: Off | Auto select: On | 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
ESC	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
Supported by SMARTBEAR

/v3/api-docs

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

Cancel ^

Parameters

No parameters

Responses

Curl

```
curl -X 'GET' \
'http://localhost:8888/products' \
-H 'accept: */*' 
```

Request URL

```
http://localhost:8888/products 
```

Server response

Code	Details
200	Response body []  
	Response headers connection: keep-alive content-type: application/json date: Sat, 14 Feb 2026 06:55:59 GMT

POST /products

Cancel ^

Parameters

No parameters

Request body required

application/json 

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

Responses

Execute Clear

GET /products/{id}

Parameters

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

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: 0
```

DELETE /products/{id}

Parameters

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

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