

1. Employee 클래스 생성

The screenshot shows a REST client interface. The method is POST, and the URL is http://localhost:8080/employee. The headers section shows Content-Type: application/json. The body section contains a JSON object: {"id": 1, "name": "이문정", "department": "백엔드", "age": 20}. The response section shows a 200 status code. Below the response, there are tabs for HISTORY, ASSERTIONS, HTTP, and DESCRIPTION. A suggestion at the bottom says: "Status code is in range 2XX, Body content exists".

2. 테이블 생성

The screenshot shows a SQL client interface. The top bar includes options like Auto commit, Max rows (1000), Auto complete (Off), and Auto select (On). The left sidebar shows a database structure with jdbc:h2:~/test, EMPLOYEE, INFORMATION_SCHEMA, Sequences, and Users. The main area shows the following SQL statements and their execution results:

```
Run Run Selected Auto complete Clear SQL statement:
INSERT INTO employee (id, name, department, age) VALUES (1, '멋사1', '백엔드', 20);
INSERT INTO employee (id, name, department, age) VALUES (2, '멋사2', '프론트', 21);
INSERT INTO employee (id, name, department, age) VALUES (3, '멋사3', '기획디자인', 50);
SELECT * FROM EMPLOYEE;
```

Execution results:

- INSERT INTO employee (id, name, department, age) VALUES (1, '멋사1', '백엔드', 20);
Update count: 1
(1 ms)
- INSERT INTO employee (id, name, department, age) VALUES (2, '멋사2', '프론트', 21);
Update count: 1
(1 ms)
- INSERT INTO employee (id, name, department, age) VALUES (3, '멋사3', '기획디자인', 50);
Update count: 1
(0 ms)

SELECT * FROM EMPLOYEE;

ID	AGE	DEPARTMENT	NAME
1	20	백엔드	멋사1
2	21	프론트	멋사2
3	50	기획디자인	멋사3

(3 rows, 0 ms)

2-1. 튜플 수정

jdbc:h2:~/test | ☒ Auto commit | Max rows: 1000 | Auto complete: Off | Auto select: On

EMPLOYEE
INFORMATION_SCHEMA
Sequences
Users
H2 2.2.224 (2023-09-17)

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

```
UPDATE employee SET department = '백엔드' WHERE department = '프론트';  
SELECT * FROM EMPLOYEE;
```

UPDATE employee SET department = '백엔드' WHERE department = '프론트';
Update count: 1
(1 ms)

SELECT * FROM EMPLOYEE;

ID	AGE	DEPARTMENT	NAME
1	20	백엔드	멋사1
2	21	백엔드	멋사2
3	50	기획디자인	멋사3

(3 rows, 0 ms)

2-2. 튜플 삭제

jdbc:h2:~/test | ☒ Auto commit | Max rows: 1000 | Auto complete: Off | Auto select: On

EMPLOYEE
INFORMATION_SCHEMA
Sequences
Users
H2 2.2.224 (2023-09-17)

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

```
DELETE FROM employee WHERE age=50;  
SELECT * FROM EMPLOYEE;
```

DELETE FROM employee WHERE age=50;
Update count: 1
(1 ms)

SELECT * FROM EMPLOYEE;

ID	AGE	DEPARTMENT	NAME
1	20	백엔드	멋사1
2	21	백엔드	멋사2

(2 rows, 0 ms)

2-3. 튜플 삽입

jdbc:h2:~/test

EMPLOYEE

INFORMATION_SCHEMA

Sequences

Users

H2 2.2.224 (2023-09-17)

Run Run Selected Auto complete Clear SQL statement:

INSERT INTO employee (id, name, department, age) VALUES (4, '멋사4', '프론트', 23);

SELECT * FROM EMPLOYEE;

INSERT INTO employee (id, name, department, age) VALUES (4, '멋사4', '프론트', 23);

Update count: 1

(0 ms)

SELECT * FROM EMPLOYEE;

ID	AGE	DEPARTMENT	NAME
1	20	백엔드	멋사1
2	21	백엔드	멋사2
4	23	프론트	멋사4

(3 rows, 0 ms)