

데이터베이스시스템 과제 #5

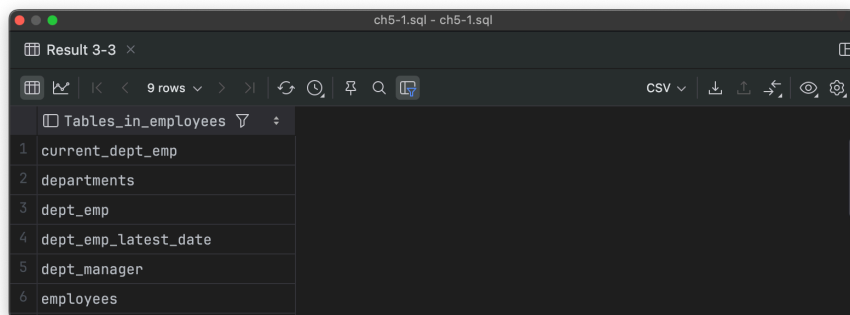
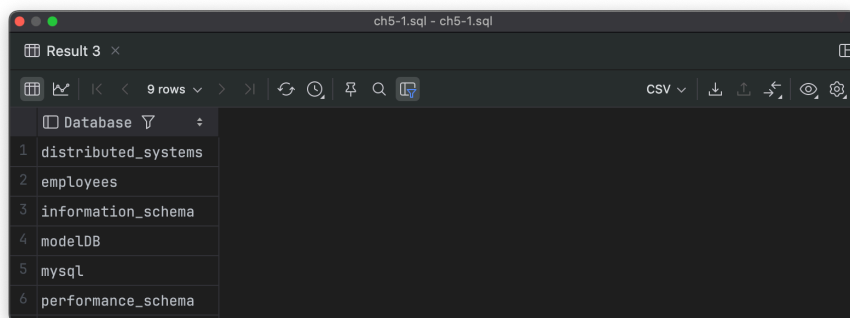
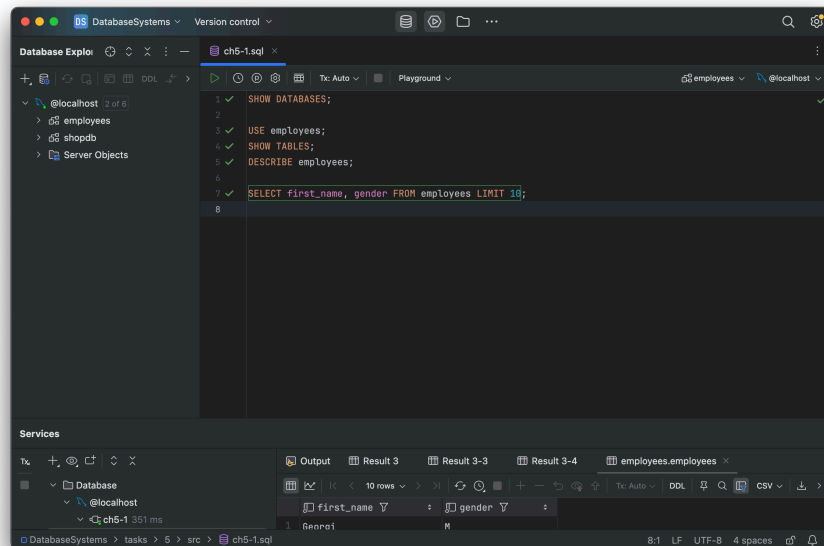
박종현, 2025-04-12

공과대학 컴퓨터정보통신공학과

과제 목표

1. 실습자료 5 수행 후 캡처 제출

[실습 5-1]



ch5-1.sql - ch5-1.sql

Result 3-4

6 rows

	Field	Type	Null	Key	Default	Ex
1	emp_no	int	NO	PRI	<null>	
2	birth_date	date	NO		<null>	
3	first_name	varchar(14)	NO		<null>	
4	last_name	varchar(16)	NO		<null>	
5	gender	enum('M','F')	NO		<null>	
6	hire_date	date	NO		<null>	

ch5-1.sql - ch5-1.sql

employees.employees

10 rows

	first_name	gender
1	Georgi	M
2	Bezalel	F
3	Parto	M
4	Chirstian	M
5	Kyoichi	M
6	Anneke	F

[실습 5-2]

Database Explorer

ch5-2.sql

```

1 DROP DATABASE IF EXISTS cookDB;
2 CREATE DATABASE cookDB;
3 USE cookDB;
4
5 CREATE TABLE userTBL(
6   userID CHAR(9) NOT NULL PRIMARY KEY,
7   userName VARCHAR(10) NOT NULL,
8   birthYear INT NOT NULL,
9   addr CHAR(2) NOT NULL,
10  mobile1 CHAR(3),
11  mobile2 CHAR(4),
12  height SMALLINT,
13  mDate DATE
14 );
15
16 CREATE TABLE buyTBL(
17   num INT AUTO_INCREMENT NOT NULL PRIMARY KEY,
18   userID CHAR(9) NOT NULL,
19   prodName CHAR(4) NOT NULL,
20   groupName CHAR(4),
21   price INT NOT NULL,
22   amount SMALLINT NOT NULL,
23   FOREIGN KEY (userID) REFERENCES userTBL (userID)
24 );

```

Services

ch5-2.sql 203 ms

ch5-2.sql 14 ms

ch5-1 351 ms

DatabaseSystems > tasks > 5 > src > ch5-2.sql

24:3 LF UTF-8 4 spaces

[실습 5-3]

```

1 USE cookDB;
2
3 INSERT INTO userTBL VALUES (userID 'YJS', userName '윤재식', birthYear 1972, addr '서울', mobile1 '010', mobile2 '11111111', height 178, mDate '2008-8-8');
4 INSERT INTO userTBL VALUES (userID 'KHD', userName '강호동', birthYear 1970, addr '경북', mobile1 '011', mobile2 '22222222', height 182, mDate '2007-7-7');
5 INSERT INTO userTBL VALUES (userID 'KKJ', userName '김국진', birthYear 1965, addr '서울', mobile1 '019', mobile2 '33333333', height 171, mDate '2009-9-9');
6 INSERT INTO userTBL VALUES (userID 'KYM', userName '김용만', birthYear 1967, addr '서울', mobile1 '010', mobile2 '44444444', height 177, mDate '2015-5-5');
7 INSERT INTO userTBL VALUES (userID 'LHJ', userName '이희재', birthYear 1972, addr '경기', mobile1 NULL, mobile2 NULL, height 173, mDate '2013-3-3');
8 INSERT INTO userTBL VALUES (userID 'LKS', userName '이경규', birthYear 1971, addr '충남', mobile1 '016', mobile2 '66666666', height 180, mDate '2017-4-4');
9 INSERT INTO userTBL VALUES (userID 'SDV', userName '신동엽', birthYear 1971, addr '경기', mobile1 NULL, mobile2 NULL, height 176, mDate '2008-10-10');
10 INSERT INTO userTBL VALUES (userID 'LHJ', userName '이희재', birthYear 1972, addr '경기', mobile1 '011', mobile2 '88888888', height 180, mDate '2006-4-4');
11 INSERT INTO userTBL VALUES (userID 'LKK', userName '이경규', birthYear 1960, addr '경남', mobile1 '018', mobile2 '99999999', height 190, mDate '2004-12-12');
12 INSERT INTO userTBL VALUES (userID 'PSH', userName '이성진', birthYear 1970, addr '서울', mobile1 '010', mobile2 '88888888', height 181, mDate '2012-5-5');
13
14 INSERT INTO buyTBL VALUES (num NULL, userID 'KHD', prodName '운동화', groupName NULL, price 30, amount 2);
15 INSERT INTO buyTBL VALUES (num NULL, userID 'KHD', prodName '노트북', groupName '전자', price 1000, amount 1);
16 INSERT INTO buyTBL VALUES (num NULL, userID 'KYM', prodName '모니터', groupName '전자', price 200, amount 1);
17 INSERT INTO buyTBL VALUES (num NULL, userID 'PSH', prodName '의류', groupName '의류', price 200, amount 5);
18 INSERT INTO buyTBL VALUES (num NULL, userID 'KHD', prodName '화장품', groupName '화장', price 50, amount 3);
19 INSERT INTO buyTBL VALUES (num NULL, userID 'PSH', prodName '의약품', groupName '전자', price 80, amount 10);
20 INSERT INTO buyTBL VALUES (num NULL, userID 'KHD', prodName '책', groupName '서적', price 15, amount 3);
21 INSERT INTO buyTBL VALUES (num NULL, userID 'LHJ', prodName '책', groupName '서적', price 15, amount 2);
22 INSERT INTO buyTBL VALUES (num NULL, userID 'LHJ', prodName '화장품', groupName '화장', price 50, amount 1);
23 INSERT INTO buyTBL VALUES (num NULL, userID 'PSH', prodName '운동화', groupName NULL, price 30, amount 2);
24 INSERT INTO buyTBL VALUES (num NULL, userID 'LHJ', prodName '책', groupName '서적', price 15, amount 1);
25 INSERT INTO buyTBL VALUES (num NULL, userID 'PSH', prodName '운동화', groupName NULL, price 30, amount 2);
26
27 SELECT * FROM userTBL;
28 SELECT * FROM buyTBL;

```

userID	userName	birthYear	addr	mobile1	mobile2	height
1 KHD	강호동	1970	경북	011	22222222	
2 KJD	김재동	1974	경남	<null>	<null>	
3 KKJ	김국진	1965	서울	019	33333333	
4 KYM	김용만	1967	서울	010	44444444	
5 LHJ	이희재	1972	경기	011	88888888	
6 LKK	이경규	1960	경남	018	99999999	

num	userID	prodName	groupName	price	amount
1 KHD	운동화	<null>		30	2
2 KHD	노트북	전자		1000	1
3 KYM	모니터	전자		200	1
4 PSH	모니터	전자		200	5
5 KHD	청바지	의류		50	3
6 PSH	메모리	전자		80	10