데이터 베이스 실습 5_ 200194 정동 진.

200194 정동진.

실습 5-1.

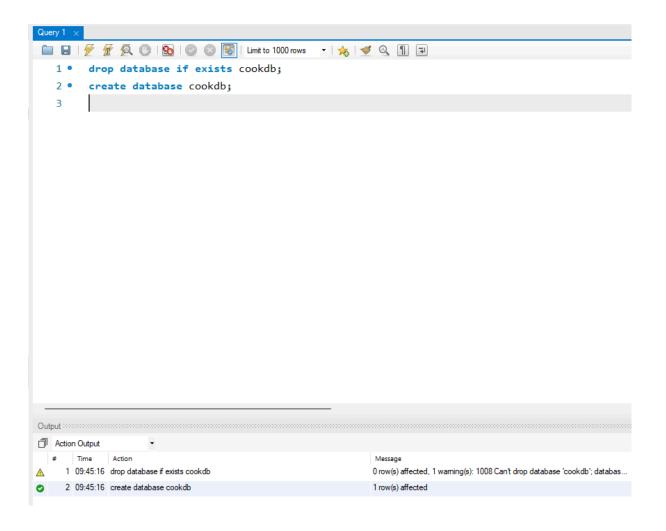
```
    MySQL 8.0 Command Line Cli × + ∨

Enter password: *******
Welcome to the MySQL monitor. Commands end with ; or \q.
Your MySQL connection id is 51
Server version: 8.0.41 MySQL Community Server - GPL
Copyright (c) 2000, 2025, Oracle and/or its affiliates.
Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> show databases;
Database
 employees
 information_schema
 modeldb
 mysql
 performance_schema
 sakila
 shopdb
 sys
 userdb
 world
10 rows in set (0.01 sec)
```

```
MySQL 8.0 Command Line Cli X
mysql> use employees;
Database changed
mysql> show tables;
 Tables_in_employees
 departments
 dept_emp
 dept_manager
 employees
 salaries
 titles
6 rows in set (0.01 sec)
mysql> describe employees;
 Field
                              Null | Key | Default | Extra
             | Type
 emp_no
             lint
                               NO
                                      PRI |
                                            NULL
 birth_date
               date
                               NO
                                            NULL
 first_name | varchar(14)
                               NO
                                            NULL
              varchar(16)
 last_name
                               NO
                                            NULL
             enum('M','F')
 gender
                                            NULL
                               NO
 hire_date
             date
                               NO
                                            NULL
6 rows in set (0.03 sec)
```

```
mysql> select last_name, hire_date from employees limit 10;
 last_name | hire_date
  Facello
             1986-06-26
  Simmel
              1985-11-21
  Bamford
             1986-08-28
  Koblick
              1986-12-01
 Maliniak
             1989-09-12
  Preusig
             1989-06-02
  Zielinski
             1989-02-10
  Kalloufi
             1994-09-15
  Peac
              1985-02-18
  Piveteau
            1989-08-24
10 rows in set (0.07 sec)
```

실습 5-2.



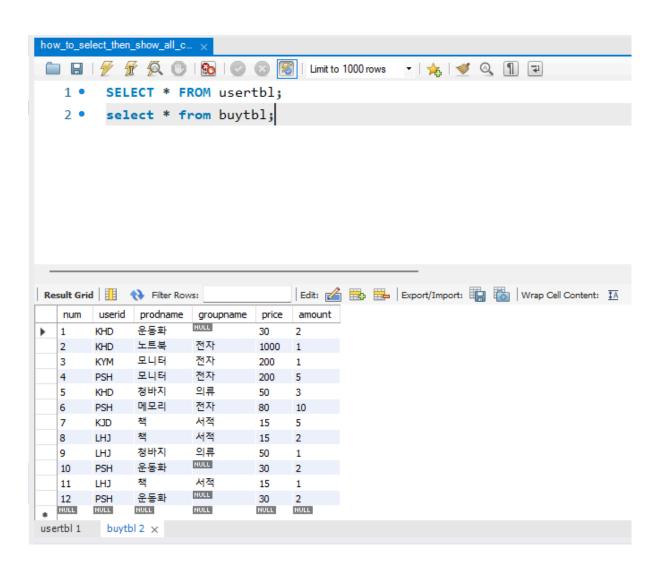
```
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    1 • use cookdb;
   3 • create table usertbl
   4 ⊖ ( userid char(8) not null primary key,
               username varchar(10) not null,
    5
               birthyear int not null,
    6
    7
               addr char(2) not null,
    8
               mobile1 char(3),
   9
               mobile2 char(8),
  10
               height smallint,
               mdate date
  11
  12
          );
  13
  14 • create table buytbl
  15 ⊖ ( num int auto_increment not null primary key,
               userid char(8) not null,
  16
  17
               prodname char(6) not null,
  18
               groupname char(4),
               price int not null,
  20
               amount smallint not null.
Output ::
Action Output
# Time Action

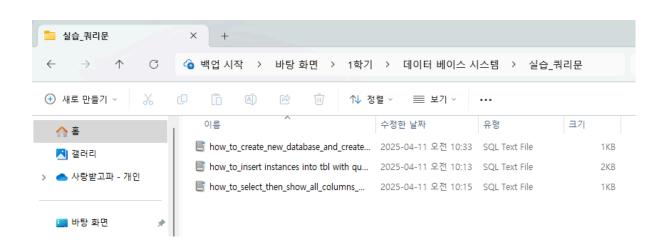
5 09:50:57 use cookdb
                                                                   Message
                                                                                                                        Duration / Fetch
                                                                   0 row(s) affected
                                                                                                                       0.000 sec
6 09:50:57 create table usertbl (userid char(8) not null primary key, username varchar(... Error Code: 1060. Duplicate column name 'mobile1'
                                                                                                                       0.000 sec
    7 09:52:35 use cookdb
                                                                                                                       0.000 sec
8 09:52:35 create table usertbl (userid char(8) not null primary key, usemame varchar(... 0 row(s) affected
                                                                                                                       0.047 sec
                                                                                                                        0.031 sec
    9 09:52:35 create table buytbl (num int auto_increment not null primary key, userid cha... 0 row(s) affected
```

```
14 • create table buytbl
15 ♀ (
          num int auto increment not null primary key,
16
          userid char(8) not null,
          prodname char(6) not null,
17
18
          groupname char(4),
          price int not null,
19
20
          amount smallint not null,
21
          foreign key (userid)references usertbl (userid)
22
23
      );
```

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   1 • insert into usertbl values('YJS','유재석',1972,'서울','010','11111111',178,'2008-8-8');
   2 • insert into usertbl values('KHD','강호동',1970,'경복','011','22222222',182,'2007-7-7');
   3 • insert into usertbl values('KKJ','김국진',1965,'서울','019','33333333',171,'2009-9-9');
   4 • insert into usertbl values('KYM', '김용만',1967,'서울','010','44444444',177,'2015-5-5');
   5 • insert into usertbl values('KJD', '김제동',1974, '경남',NULL,NULL,173, '2013-3-3');
        insert into usertbl values('NHS','남희석',1971,'총남','016','66666666',180,'2017-4-4');
        insert into usertbl values('SDY','신동엽',1971,'경기',NULL,NULL,176,'2008-10-10');
   8 • insert into usertbl values('LHJ','이휘제',1972,'경기','011','88888888',180,'2006-4-4');
   9 • insert into usertbl values('LKK','이경규',1960,'경남','018','99999999',170,'2004-12-12');
  10 • insert into usertbl values('PSH','박수홍',1970,'서울','010','00000000',183,'2012-5-5');
  12 • insert into buytbl values(NULL, 'KHD', '운동화', NULL, 30, 2);
  13 • insert into buytbl values(NULL, 'KHD', '노트북', '전자', 1000, 1);
  14 • insert into buytbl values(NULL, 'KYM', '모니터', '전자', 200,1);
  15 • insert into buytbl values(NULL, 'PSH', '모니터', '전자', 200,5);
  16 • insert into buytbl values(NULL, 'KHD', '청바지', '의류',50,3);
        insert into buytbl values(NULL, 'PSH', '메모리', '전자', 80,10);
  18 • insert into buytbl values(NULL, 'KJD', '책', '서적',15,5);
  19 • insert into buytbl values(NULL, 'LHJ', '책', '서적',15,2);
  20 • insert into buvtbl values(NULL.'LHJ'.'청바지'.'이류'.50.1):
Output :::
Action Output
                                                                                                         Duration / Fetch
   27 10:13:03 insert into buytbl values(NULL,'LHJ','책','서적',15,2)
                                                           1 row(s) affected
                                                                                                        0.000 sec
② 28 10:13:03 insert into buytbl values(NULL,'LHJ','청바지','의류',50,1)
                                                                                                        0.000 sec
                                                          1 row(s) affected
   29 10:13:03 insert into buytbl values(NULL, 'PSH', '운동화', NULL, 30,2)
                                                           1 row(s) affected
                                                                                                        0.000 sec
② 30 10:13:03 insert into buytbl values(NULL,'LHJ','책','서적',15,1)
                                                          1 row(s) affected
                                                                                                        0.016 sec
31 10:13:03 insert into buvtbl values(NULL. 'PSH'. '운동화'. NULL.30.2)
                                                          1 row(s) affected
                                                                                                        0.000 sec
```

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     5 • insert into usertbl values('KJD','김제동',1974,'경남',NULL,NULL,173,'2013-3-3');
     6 • insert into usertbl values('NHS','남희석',1971,'충남','016','66666666',180,'2017-4-4');
     7 • insert into usertbl values('SDY','신동엽',1971,'경기',NULL,NULL,176,'2008-10-10');
     8 • insert into usertbl values('LHJ','이휘재',1972,'경기','011','88888888',180,'2006-4-4');
    9 • insert into usertbl values('LKK','이정규',1960,'경남','018','99999999',170,'2004-12-12');
   10 • insert into usertbl values('PSH','박수호',1970,'서울','010','00000000',183,'2012-5-5');
  11
   12 • insert into buytbl values(NULL, 'KHD', '운동화', NULL, 30,2);
  13 • insert into buytbl values(NULL, 'KHD', '노트북', '전자', 1000,1);
  14 • insert into buytbl values(NULL, 'KYM', '모니터', '전자', 200,1);
  15 • insert into buytbl values(NULL, 'PSH', '모니터', '전자', 200,5);
                 insert into buytbl values(NULL, 'KHD', '청바지', '의류', 50,3);
  17 •
                insert into buytbl values(NULL, 'PSH', '메모리', '전자', 80,10);
  18 • insert into buytbl values(NULL, 'KJD', '책', '서적',15,5);
  19 • insert into buytbl values(NULL, 'LHJ', '책', '서적',15,2);
  20 • insert into buytbl values(NULL, 'LHJ', '청바지', '의류',50,1);
  21 • insert into buytbl values(NULL, 'PSH', '운동화', NULL, 30, 2);
  22 • insert into buytbl values(NULL, 'LHJ', '책', '서전',15,1);
   23 • insert into buytbl values(NULL, 'PSH', '운동화', NULL, 30, 2);
```





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unconnected ×
abase Server Lools Scripting Help
33 60 10 12
                                                                                               how_to_insert instances into tbl...
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    1 • insert into usertbl values('YJS','유재석',1972,'서울','010','11111111',178,'2008-8-8');
    2 • insert into usertbl values('KHD','강호동',1970,'경독','011','22222222',182,'2007-7-7');
    3 • insert into usertbl values('KKJ','김국진',1965,'서울','019','33333333',171,'2009-9-9');
    4 • insert into usertbl values('KYM','38p','1967,'45','010','44444444',177,'2015-5-5');
    5 • insert into usertbl values('KJD', '김제동', 1974, '경남', NULL, NULL, 173, '2013-3-3');
    6 • insert into usertbl values('NHS','남희석',1971,'충남','016','66666666',180,'2017-4-4');
    7 • insert into usertbl values('SDY','신동엽',1971,'경기',NULL,NULL,176,'2008-10-10');
         insert into usertbl values('LHJ','이휘재',1972,'경기','011','88888888',180,'2006-4-4');
         insert into usertbl values('LKK','이경규',1960,'경남','018','99999999',170,'2004-12-12');
    9 •
         insert into usertbl values('PSH','박수홍',1970,'서울','010','00000000',183,'2012-5-5');
   12 •
         insert into buytbl values(NULL, 'KHD', '운동화', NULL, 30,2);
   13 •
         insert into buytbl values(NULL, 'KHD', '노트북', '전자',1000,1);
         insert into buytbl values(NULL,'KYM','모니터','전자',200,1);
   14 •
   15 • insert into buytbl values(NULL, 'PSH', '모니터', '전자', 200,5);
   16 • insert into buytbl values(NULL, 'KHD', '청바지', '의류',50,3);
   17 • insert into buytbl values(NULL, 'PSH', '메모리', '전자', 80,10);
   18 • insert into buytbl values(NULL, 'KJD', '책', '서적',15,5);
  19 • insert into buytbl values(NULL, 'LHJ', '책', '서적',15,2);
   20 • insert into buytbl values(NULL, 'LHJ', '청바지', '의류',50,1);
         Output :::
```

```
how_to_insert instances into tbl... ×
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   4 • insert into usertbl values('KYM','김용만',1967,'서울','010','44444444',177,'2015-5-5');
       insert into usertbl values('KJD','김제동',1974,'경남',NULL,NULL,173,'2013-3-3');
   6 • insert into usertbl values('NHS','남희석',1971,'충남','016','66666666',180,'2017-4-4');
   7 • insert into usertbl values('SDY','신동엽',1971,'경기',NULL,NULL,176,'2008-10-10');
   8 • insert into usertbl values('LHJ','이휘재',1972,'경기','011','88888888',180,'2006-4-4');
   9 • insert into usertbl values('LKK','이경규',1960,'경남','018','99999999',170,'2004-12-12');
  10 • insert into usertbl values('PSH','박수홍',1970,'서울','010','00000000',183,'2012-5-5');
  11
  12 • insert into buytbl values(NULL, 'KHD', '운동화', NULL, 30,2);
 13 • insert into buytbl values(NULL, 'KHD', '노트북', '전자', 1000, 1);
  14 • insert into buytbl values(NULL, 'KYM', '모니터', '전자', 200,1);
  15 • insert into buytbl values(NULL, 'PSH', '모니터', '전자', 200,5);
        insert into buytbl values(NULL, 'KHD', '청바지', '의류',50,3);
        insert into buytbl values(NULL, 'PSH', '메모리', '전자', 80,10);
        insert into buytbl values(NULL,'KJD','책','서적',15,5);
  18 •
       insert into buytbl values(NULL, 'LHJ', '책', '서적',15,2);
  19 •
  20 • insert into buytbl values(NULL, 'LHJ', '청바지', '의류',50,1);
  21 • insert into buytbl values(NULL, 'PSH', '운동화', NULL, 30, 2);
  22 • insert into buytbl values(NULL, 'LHJ', '책', '서전', 15,1);
  23 • insert into buytbl values(NULL, 'PSH', '운동화', NULL, 30,2);
Output ::
```

```
5 • create table usertbl
 username varchar(10) not null,
       birthyear int not null,
 8
 9
       addr char(2) not null,
       mobile1 char(3),
10
11
       mobile2 char(8),
12
       height smallint,
       mdate date
13
14
     );
15
16 • create table buytbl
18
       userid char(8) not null,
19
       prodname char(6) not null,
20
       groupname char(4),
       price int not null,
21
22
       amount smallint not null,
23
       foreign key (userid)references usertbl (userid)
24
    );
```