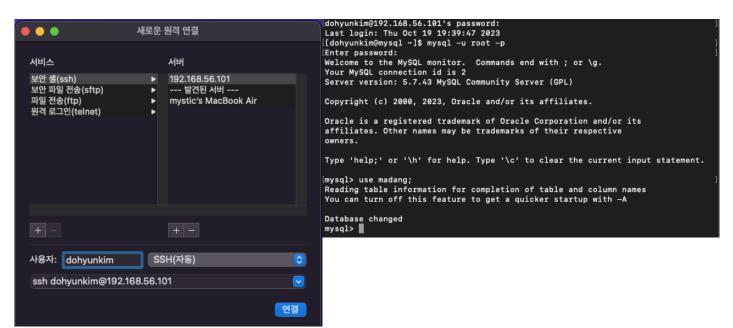
HW₆

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1. MYSQL 서버에 정적 IP를 이용하여 SSH로 접속



3-34 ~ 3-36

```
[mysql> CREATE TABLE NewBook(
    -> bookid INTEGER,
    -> bookname VARCHAR(20),
    -> publisher VARCHAR(20),
    -> price INTEGER);
Query OK, 0 rows affected (0.03 sec)
mysql> CREATE TABLE NewCustomer(
    -> custid INTEGER PRIMARY KEY,
    -> name VARCHAR(40),
    -> address VARCHAR(40),
    -> phone VARCHAR(30));
Query OK, 0 rows affected (0.02 sec)
mysql> CREATE TABLE NewOrders(
    -> orderid INTEGER,
    -> custid INTEGER NOT NULL,
    -> bookid INTEGER NOT NULL,
    -> saleprice INTEGER,
    -> orderdate DATE,
    -> PRIMARY KEY (orderid),
    -> FOREIGN KEY (custid) REFERENCES NewCustomer(custid) ON DELETE CASCADE);
Query OK, 0 rows affected (0.02 sec)
```

```
[mysql> ALTER TABLE NewBook ADD isbn VARCHAR(13);
Query OK, 0 rows affected (0.04 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> ALTER TABLE NewBook MODIFY isbn INTEGER;
Query OK, 0 rows affected (0.07 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> ALTER TABLE NewBook DROP COLUMN isbn;
Query OK, 0 rows affected (0.04 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysgl> ALTER TABLE NewBook MODIFY bookid INTEGER NOT NULL;
Query OK, 0 rows affected (0.04 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> ALTER TABLE NewBook ADD PRIMARY KEY(bookid);
Query OK, 0 rows affected (0.07 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> DROP TABLE NewBook;
Query OK, 0 rows affected (0.02 sec)
```

3-43

```
[mysql> DROP TABLE NewCustomer;
ERROR 1217 (23000): Cannot delete or update a parent row: a foreign key constraint fails
[mysql> DROP TABLE NewOrders;
Query OK, 0 rows affected (0.01 sec)
[mysql> DROP TABLE NewCustomer;
Query OK, 0 rows affected (0.02 sec)
```

3-44 ~ 3-45

```
[mysql> INSERT INTO Book(bookid, bookname, publisher, price)
[ -> VALUES(11, '스포츠 의학', '한술의학서적', 90000);
Query OK, 1 row affected (0.00 sec)
[mysql> INSERT INTO Book(bookid, bookname, publisher)
[ -> VALUES(14, '스포츠 의학', '한술의학서적');
Query OK, 1 row affected (0.00 sec)
```

```
[mysql> INSERT INTO Book(bookid, bookname, price, publisher)
    -> SELECT bookid, bookname, price, publisher
    -> FROM Imported_Book;
Query OK, 2 rows affected (0.01 sec)
Records: 2 Duplicates: 0 Warnings: 0
mysql> SET SQL_SAFE_UPDATES = 0;
Query OK, 0 rows affected (0.00 sec)
'mysgl> UPDATE Customer SET address = '대한민국 부산' WHERE custid = 5;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> UPDATE Book
   -> SET publisher = (SELECT publisher
   -> FROM Imported_Book
   -> WHERE bookid = '21')
   -> WHERE bookid = '14';
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysal> DELETE FROM Book WHERE bookid = '11';
Query OK, 1 row affected (0.00 sec)
```

3-50

```
mysql> DELETE FROM Customer;
ERROR 1451 (23000): Cannot delete or update a parent row: a foreign key constraint fails (`madang`.`Orders`, CONSTRAINT `Orders_ibfk_1` FOREIGN KEY (`custid`) R EFERENCES `Customer` (`custid`))
mysql> ALTER TABLE Orders DROP FOREIGN KEY Orders_ibfk_1;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0

[mysql> DELETE FROM Customer;
Query OK, 5 rows affected (0.01 sec)
```