

데이터베이스 구현 과제

박민석

[CREATE]

```
mysql> use testdb;
Database changed
mysql> create table tbl_student (id int primary key, name varchar(45), addr varchar(45), phone varchar(45));
Query OK, 0 rows affected (0.02 sec)

mysql> desc tbl_student;
```

Field	Type	Null	Key	Default	Extra
id	int	NO	PRI	NULL	
name	varchar(45)	YES		NULL	
addr	varchar(45)	YES		NULL	
phone	varchar(45)	YES		NULL	

```
4 rows in set (0.00 sec)
```

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[ALTER]

```
mysql> alter table tbl_student add column gender varchar(1) null;  
Query OK, 0 rows affected (0.02 sec)  
Records: 0 Duplicates: 0 Warnings: 0  
  
mysql> desc tbl_student;
```

Field	Type	Null	Key	Default	Extra
id	int	NO	PRI	NULL	
name	varchar(45)	YES		NULL	
addr	varchar(45)	YES		NULL	
phone	varchar(45)	YES		NULL	
gender	varchar(1)	YES		NULL	

```
5 rows in set (0.00 sec)
```

데이터베이스 구현 과제
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[DROP]

```
mysql> alter table tbl_student drop column phone;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> desc tbl_student;
```

Field	Type	Null	Key	Default	Extra
id	int	NO	PRI	NULL	
name	varchar(45)	YES		NULL	
addr	varchar(45)	YES		NULL	
gender	varchar(1)	YES		NULL	

```
4 rows in set (0.00 sec)
```

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[INSERT]

```
mysql> insert into tbl_student values(1, '홍길동', '대구', 'M'), (2, '기명이', '울산', 'M'), (3, '김미녀', '인천', 'W');
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> select * from tbl_student;
+----+-----+-----+-----+
| id | name  | addr  | gender |
+----+-----+-----+-----+
| 1  | 홍길동 | 대구  | M      |
| 2  | 기명이 | 울산  | M      |
| 3  | 김미녀 | 인천  | W      |
+----+-----+-----+-----+
3 rows in set (0.00 sec)
```

데이터베이스 구현 과제
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[UPDATE]

```
mysql> update tbl_student set name = '남길동' where id = 1;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> update tbl_student set addr = '창원' where id = 3;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select * from tbl_student;
+----+-----+-----+-----+
| id | name  | addr  | gender |
+----+-----+-----+-----+
| 1  | 남길동 | 대구  | M      |
| 2  | 기명이 | 울산  | M      |
| 3  | 김미녀 | 창원  | W      |
+----+-----+-----+-----+
3 rows in set (0.00 sec)
```

데이터베이스 구현 과제
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[DELETE]

```
mysql> delete from tbl_student where id = 2;  
Query OK, 1 row affected (0.00 sec)  
  
mysql> select * from tbl_student;  
+-----+-----+-----+-----+  
| id | name | addr | gender |  
+-----+-----+-----+-----+  
| 1 | 남길동 | 대구 | M |  
| 3 | 김미녀 | 창원 | W |  
+-----+-----+-----+-----+  
2 rows in set (0.00 sec)
```