

11번

```

1 • create table if not exists countries(
2   COUNTRY_ID varchar(2) NOT NULL UNIQUE PRIMARY KEY,
3   COUNTRY_NAME varchar(40) NOT NULL,
4   REGION_ID decimal(10,0) NOT NULL
5 );
6 • DESC countries;

```

Result Grid | Filter Rows: | Export: | Wrap Cell Center

Field	Type	Null	Key	Default	Extra
COUNTRY_ID	varchar(2)	NO	PRI	NULL	
COUNTRY_NAME	varchar(40)	NO		NULL	
REGION_ID	decimal(10,0)	NO		NULL	

12번

```

1 • create table if not exists countries(
2   COUNTRY_ID integer NOT NULL UNIQUE AUTO_INCREMENT PRIMARY KEY,
3   COUNTRY_NAME varchar(40) NOT NULL,
4   REGION_ID decimal(10,0) NOT NULL
5 );
6 • DESC countries;

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

Field	Type	Null	Key	Default	Extra
COUNTRY_ID	int	NO	PRI	NULL	auto_increment
COUNTRY_NAME	varchar(40)	NO		NULL	
REGION_ID	decimal(10,0)	NO		NULL	

13번

```

1 • create table if not exists countries(
2   COUNTRY_ID varchar(2) NOT NULL UNIQUE DEFAULT '',
3   COUNTRY_NAME varchar(40) DEFAULT NULL,
4   REGION_ID decimal(10,0) NOT NULL,
5   PRIMARY KEY (COUNTRY_ID, REGION_ID)
6 );
7 • DESC countries;

```

Result Grid | Filter Rows: | Export: | Wrap Cell Conte

Field	Type	Null	Key	Default	Extra
COUNTRY_ID	varchar(2)	NO	PRI		
COUNTRY_NAME	varchar(40)	YES		NULL	
REGION_ID	decimal(10,0)	NO	PRI	NULL	

14번

```

1 • CREATE TABLE job_history(
2   EMPLOYEE_ID decimal(6,0) NOT NULL PRIMARY KEY,
3   START_DATE date NOT NULL,
4   END_DATE date NOT NULL,
5   JOB_ID varchar(10) NOT NULL,
6   DEPARTMENT_ID decimal(4,0) DEFAULT NULL,
7   FOREIGN KEY(job_id) references jobs(job_id)
8 )ENGINE=InnoDB;
9 • desc job_history;
10

```

Field	Type	Null	Key	Default	Extra
EMPLOYEE_ID	decimal(6,0)	NO	PRI	HULL	
START_DATE	date	NO		HULL	
END_DATE	date	NO		HULL	
JOB_ID	varchar(10)	NO	MUL	HULL	
DEPARTMENT_ID	decimal(4,0)	YES		HULL	

15번

```

1 • CREATE TABLE IF NOT EXISTS employees(
2   EMPLOYEE_ID decimal(6,0) NOT NULL PRIMARY KEY,
3   FIRST_NAME varchar(20) DEFAULT NULL,
4   LAST_NAME varchar(25) NOT NULL,
5   EMAIL varchar(25) NOT NULL,
6   PHONE_NUMBER varchar(20) default NULL,
7   HIRE_DATE date NOT null,
8   SALARY decimal(8,2) DEFAULT NULL,
9   COMMISSION_PCT decimal(2,2) DEFAULT NULL,
10  MANAGER_ID decimal(6,0) DEFAULT NULL,
11  DEPARTMENT_ID decimal(4,0) DEFAULT NULL,
12  FOREIGN KEY(DEPARTMENT_ID, MANAGER_ID)

```

Field	Type	Null	Key	Default	Extra
EMPLOYEE_ID	decimal(6,0)	NO	PRI	HULL	
FIRST_NAME	varchar(20)	YES		HULL	
LAST_NAME	varchar(25)	NO		HULL	
EMAIL	varchar(25)	NO		HULL	
PHONE_NUMBER	varchar(20)	YES		HULL	
HIRE_DATE	date	NO		HULL	
SALARY	decimal(8,2)	YES		HULL	
COMMISSION_PCT	decimal(2,2)	YES		HULL	
MANAGER_ID	decimal(6,0)	YES		HULL	
DEPARTMENT_ID	decimal(4,0)	YES	MUL	HULL	

16번

Limit to 1000 row

```

1 CREATE TABLE IF NOT EXISTS employees(
2   EMPLOYEE_ID decimal(6,0) NOT NULL PRIMARY KEY,
3   FIRST_NAME varchar(20) DEFAULT NULL,
4   LAST_NAME varchar(25) NOT NULL,
5   EMAIL varchar(25) NOT NULL,
6   PHONE_NUMBER varchar(20) default NULL,
7   HIRE_DATE date NOT null,
8   JOB_ID varchar(10) NOT NULL,
9   SALARY decimal(8,2) DEFAULT NULL,
10  COMMISSION_PCT decimal(2,2) DEFAULT NULL,
11  MANAGER_ID decimal(6,0) DEFAULT NULL,
12  DEPARTMENT_ID decimal(4,0) DEFAULT NULL,

```

Result Grid

Field	Type	Null	Key	Default	Extra
EMPLOYEE_ID	decimal(6,0)	NO	PRI	NULL	
FIRST_NAME	varchar(20)	YES		NULL	
LAST_NAME	varchar(25)	NO		NULL	
EMAIL	varchar(25)	NO		NULL	
PHONE_NUMBER	varchar(20)	YES		NULL	
HIRE_DATE	date	NO		NULL	
JOB_ID	varchar(10)	NO	MUL	NULL	
SALARY	decimal(8,2)	YES		NULL	
COMMISSION_PCT	decimal(2,2)	YES		NULL	
MANAGER_ID	decimal(6,0)	YES		NULL	
DEPARTMENT_ID	decimal(4,0)	YES		NULL	

Result 3

17번

```

1 CREATE TABLE IF NOT EXISTS employees(
2   EMPLOYEE_ID decimal(6,0) NOT NULL PRIMARY KEY,
3   FIRST_NAME varchar(20) DEFAULT NULL,
4   LAST_NAME varchar(25) NOT NULL,
5   EMAIL varchar(25) NOT NULL,
6   PHONE_NUMBER varchar(20) default NULL,
7   HIRE_DATE date NOT null,
8   JOB_ID integer NOT NULL,
9   SALARY decimal(8,2) DEFAULT NULL,
10  COMMISSION_PCT decimal(2,2) DEFAULT NULL,
11  MANAGER_ID decimal(6,0) DEFAULT NULL,
12  DEPARTMENT_ID decimal(4,0) DEFAULT NULL,

```

Result Grid

Field	Type	Null	Key	Default	Extra
EMPLOYEE_ID	decimal(6,0)	NO	PRI	NULL	
FIRST_NAME	varchar(20)	YES		NULL	
LAST_NAME	varchar(25)	NO		NULL	
EMAIL	varchar(25)	NO		NULL	
PHONE_NUMBER	varchar(20)	YES		NULL	
HIRE_DATE	date	NO		NULL	
JOB_ID	int	NO	MUL	NULL	
SALARY	decimal(8,2)	YES		NULL	
COMMISSION_PCT	decimal(2,2)	YES		NULL	
MANAGER_ID	decimal(6,0)	YES		NULL	
DEPARTMENT_ID	decimal(4,0)	YES		NULL	

18번

```

1 • CREATE TABLE IF NOT EXISTS employees(
2   EMPLOYEE_ID decimal(6,0) NOT NULL PRIMARY KEY,
3   FIRST_NAME varchar(20) DEFAULT NULL,
4   LAST_NAME varchar(25) NOT NULL,
5   JOB_ID integer NOT NULL,
6   SALARY decimal(8,2) DEFAULT NULL,
7   FOREIGN KEY(JOB_ID)
8   references jobs(JOB_ID)
9   ON DELETE CASCADE ON UPDATE RESTRICT
10 )ENGINE=InnoDB;
11 • desc employees;
12

```

Result Grid | Filter Rows: | Export: | Wrap Cell C

Field	Type	Null	Key	Default	Extra
EMPLOYEE_ID	decimal(6,0)	NO	PRI	NULL	
FIRST_NAME	varchar(20)	YES		NULL	
LAST_NAME	varchar(25)	NO		NULL	
JOB_ID	int	NO	MUL	NULL	
SALARY	decimal(8,2)	YES		NULL	

19번

```

1 • CREATE TABLE IF NOT EXISTS employees(
2   EMPLOYEE_ID decimal(6,0) NOT NULL PRIMARY KEY,
3   FIRST_NAME varchar(20) DEFAULT NULL,
4   LAST_NAME varchar(25) NOT NULL,
5   JOB_ID integer,
6   SALARY decimal(8,2) DEFAULT NULL,
7   FOREIGN KEY(JOB_ID)
8   references jobs(JOB_ID)
9   ON DELETE SET NULL
10  ON UPDATE SET NULL
11 )ENGINE=InnoDB;
12 • desc employees;

```

Result Grid | Filter Rows: | Export: | Wrap Cell C

Field	Type	Null	Key	Default	Extra
EMPLOYEE_ID	decimal(6,0)	NO	PRI	NULL	
FIRST_NAME	varchar(20)	YES		NULL	
LAST_NAME	varchar(25)	NO		NULL	
JOB_ID	int	YES	MUL	NULL	
SALARY	decimal(8,2)	YES		NULL	

20번

```

1 • CREATE TABLE IF NOT EXISTS employees(
2     EMPLOYEE_ID decimal(6,0) NOT NULL PRIMARY KEY,
3     FIRST_NAME varchar(20) DEFAULT NULL,
4     LAST_NAME varchar(25) NOT NULL,
5     JOB_ID integer NOT NULL,
6     SALARY decimal(8,2) DEFAULT NULL,
7     FOREIGN KEY(JOB_ID)
8     references jobs(JOB_ID)
9     ON DELETE NO ACTION
10    ON UPDATE NO ACTION
11 )ENGINE=InnoDB;
12 • desc employees;

```

Result Grid |  Filter Rows: | Export:  | Wrap Cell C

Field	Type	Null	Key	Default	Extra
EMPLOYEE_ID	decimal(6,0)	NO	PRI	NULL	
FIRST_NAME	varchar(20)	YES		NULL	
LAST_NAME	varchar(25)	NO		NULL	
JOB_ID	int	NO	MUL	NULL	
SALARY	decimal(8,2)	YES		NULL	