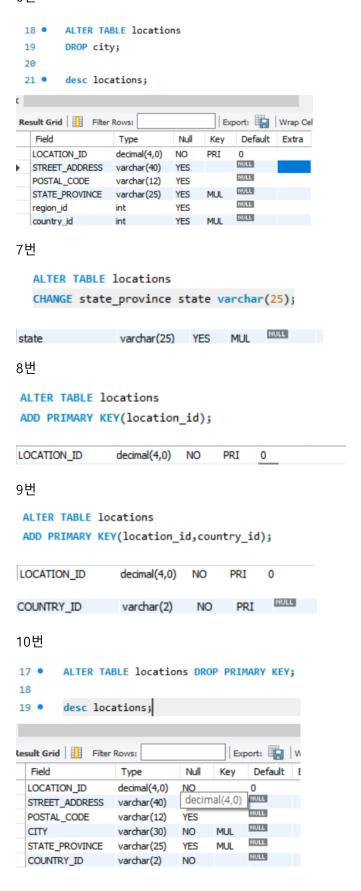
```
4 • DROP TABLE IF EXISTS countries;
 5 • ⊖ CREATE TABLE if not exists countries (
      COUNTRY_ID integer NOT NULL AUTO_INCREMENT PRIMARY KEY,
 6
       COUNTRY_NAME varchar(40) NOT NULL default 'N/A',
      REGION_ID integer NOT NULL
      );
 10 • ALTER TABLE countries RENAME country_new;
 12 • truncate countries;
Result Grid Filter Rows:
                             Export: Wrap Cell Content: IA
             Type
                      Null
                           Key
                               Default Extra
                               NULL
▶ COUNTRY_ID
                      NO
                           PRI
                                     auto_increment
             int
                               N/A
  COUNTRY_NAME varchar(40) NO
 REGION_ID
2번
    alter table locations
    add region_id int;
                                                          HULL
    region id
                                          YES
                          int
3번
  ALTER TABLE locations
  ADD ID INT FIRST;
                                                      NULL
ID
                                      YES
                      int
4번
 ALTER TABLE locations
 ADD region_id INT
 AFTER state_province;
                                                     NULL
 STATE_PROVINCE
                      varchar(25)
                                              MUL
                                      YES
                                                      NULL
region_id
                      int
                                      YES
5번
 ALTER TABLE locations
 MODIFY country_id INT;
                                                     NULL
country_id
                                             MUL
                     int
                                     YES
```



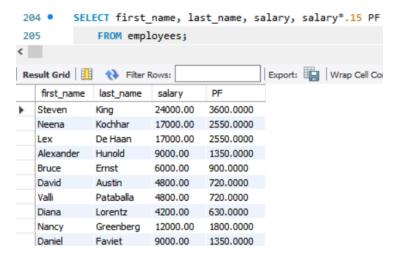
```
ALTER TABLE job_history
ADD FOREIGN KEY(job_id)
REFERENCES jobs(job_id);
                                                               NULL
job_history 1
                JOB_ID 1
                                 JOB_ID
                                                                         BTREE
12번
ALTER TABLE job_history
ADD CONSTRAINT fk job id
FOREIGN KEY (job_id)
REFERENCES jobs(job_id)
ON UPDATE RESTRICT
ON DELETE CASCADE;
                 fk_job_id 1
job_history 1
                                  JOB_ID
                                                                           BTREE
13번
ALTER TABLE job_history
DROP FOREIGN KEY fk_job_id;
                                  JOB ID
job_history 1
                 fk job id 1
                                                                            BTREE
Here in the above the foreign key index file is appearing although the foreign
key have been dropped, but the action of foreign key constraint have lost.
14번
 ALTER TABLE job_history
 ADD INDEX indx_job_id(job_id);
job_history 0
                                                             NULL
                                                                    NULL
                 PRIMARY
                                    EMPLOYEE ID
                                                     0
                                                                               BTREE
job_history 1
                 indx_job_id 1
                                    JOB ID
                                                                               BTREE
15번
ALTER TABLE job history
DROP INDEX indx job id;
                                                    NULL
                                                          HULL
job_history 0
```

EMPLOYEE\_ID A

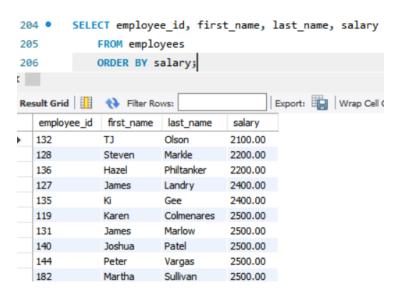
BTREE

PRIMARY

```
1번
       /* WRITE YOUR QUERY HERE */
205
206
       SELECT first_name "First Name", last_name "Last Name" FROM employees;
207 •
209
210
211
212
| Export: | Wrap Cell Content: ‡Ā
  First
Name
          Last
Name
  Ellen
          Abel
 Sundar
          Ande
 Mozhe
          Atkinson
 David
          Austin
 Hermann
          Baer
 Shelli
          Baida
  Amit
          Banda
 Elizabeth
          Bates
 Sarah
          Bell
 David
          Bernstein
 Laura
          Bissot
2번
         SELECT DISTINCT department_id FROM employees;
205
(
Export: Wrag
    department_id
  0
   10
   20
   30
   40
   50
   60
   70
   80
   90
   100
3번
         SELECT *
204 •
205
              FROM employees
              ORDER BY first_name DESC;
207
2
EMPLOYEE_ID FIRST_NAME
                            LAST_NAME
                                         Е
   180
                Winston
                             Taylor
                                         W
                William
   171
                             Smith
                                         W
   206
                William
                             Gietz
                                         W
   195
                Vance
                             Jones
                                         V.
   106
                Valli
                             Pataballa
                                         VF
   141
                Trenna
                             Rajs
                                         TF
   132
                TJ
                             Olson
                                         TJ
  190
                Timothy
                             Gates
```



#### 5번



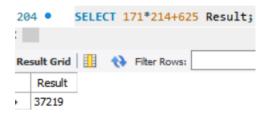




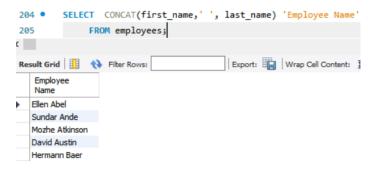
## 12번

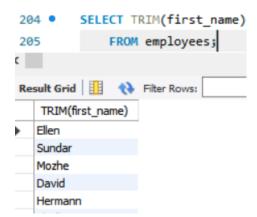


### 13번

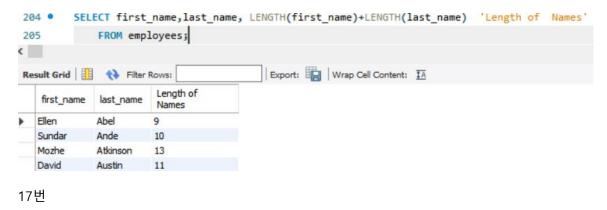


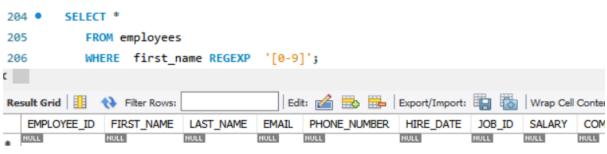
### 14번



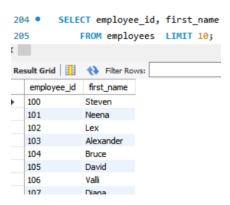


### 16번





### 18번



	first_name	last_name	Monthly Salary
٠	Steven	King	2000.00
	Neena	Kochhar	1416.67
	Lex	De Haan	1416.67
	Alexander	Hunold	750.00
	Bruce	Ernst	500.00
	David	Austin	400.00
	Valli	Pataballa	400.00
	Diana	Lorentz	350.00
	Nancy	Greenberg	1000.00
	Daniel	Faviet	750.00