Employee Name: Dharshana Alagarsamy.

Employee Id: 11953

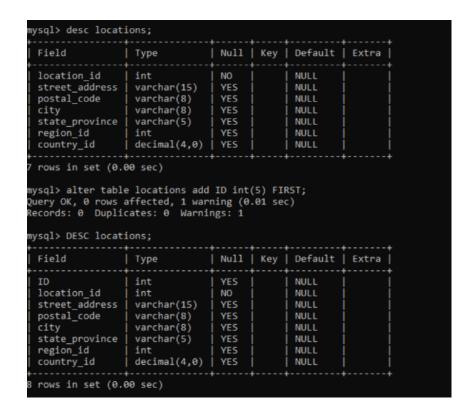
1. Write a SQL statement to rename the table countries to country new.

```
mysql> use lab_1;´
Database changed
mysql> show tables;
 Tables_in_lab_1
 countries
 countries1
 countries2
 countries3
  countries4
 departments
 departs
  job
  job history
  job_history1
  jobs
  jobs1
  tbl_countries
 tbl_dup_countries
14 rows in set (0.01 sec)
mysql> alter table countries rename to country_new;
Query OK, 0 rows affected (0.01 sec)
mysql> show tables;
 Tables_in_lab_1
 countries1
 countries2
  countries3
  countries4
 country_new
 departments
 departs
  job
  job_history
  job_history1
  jobs
  jobs1
  tbl_countries
 tbl_dup_countries
14 rows in set (0.00 sec)
```

2. Write a SQL statement to add a column region id to the table locations.

| Field  | Type  | Null   | Key     | Default                               | Extra    |
|--|---|--|---------|---------------------------------------|----------|
| location_id<br>street_address<br>postal_code<br>city<br>state_province<br>country_id   | int<br>  varchar(15)<br>  varchar(8)<br>  varchar(8)<br>  varchar(5)<br>  decimal(4,0)            | NO<br>YES<br>YES<br>YES<br>YES<br>YES        |         | NULL<br>NULL<br>NULL<br>NULL<br>NULL  |          |
|  |   | region                                       | _id int | (5) after                             | state_pr |
| rows in set (0.0 sql> alter table sery OK, 0 rows seconds: 0 Duplicated to the second services of the second servi | e locations add<br>affected, 1 war<br>cates: 0 Warni<br>ions;                                     | ning (0<br>ngs: 1                            | .02 sec | .)                                    |          |
| ysql> alter table<br>dery OK, 0 rows a<br>ecords: 0 Dupli  | e locations add<br>affected, 1 ward<br>cates: 0 Warni   | ning (0<br>ngs: 1                            | .02 sec |                                       |          |
| rsql> alter tabler tabl | e locations add affected, 1 ward cates: 0 Warnid ions;  | ning (0<br>ngs: 1<br>+<br>  Null<br>+        | .02 sec | Default<br>NULL                       |          |
| /sql> alter tabler tabl | e locations add affected, 1 wark cates: 0 Warnin ions;  | ning (0 ngs: 1 +   Null +   NO   YES         | .02 sec | Default<br>NULL<br>NULL               |          |
| rsql> alter tabler tabler yoK, 0 rows accords: 0 Duplic rsql> desc locat.  Field  location_id street_address postal_code   | e locations add affected, 1 war cates: 0 Warni ions;  Type  int varchar(15) varchar(8)            | ning (0 ngs: 1    Null   NO   YES   YES      | .02 sec | Default NULL NULL NULL                |          |
| /sql> alter tabler tabler yok, 0 rows seconds: 0 Dupliersql> desc location_id street_address postal_code city  | e locations add affected, 1 war cates: 0 Warni ions;  Type  int varchar(15) varchar(8) varchar(8) | ning (0 ngs: 1 +   Null +   NO   YES         | .02 sec | Default<br>NULL<br>NULL               |          |
| rsql> alter tabler tabler yoK, 0 rows accords: 0 Duplic rsql> desc locat.  Field  location_id street_address postal_code   | e locations add affected, 1 war cates: 0 Warni ions;  Type  int varchar(15) varchar(8)            | ning (0 ngs: 1   Null   No   YES   YES   YES | .02 sec | Default  NULL  NULL  NULL  NULL  NULL |          |

3. Write a SQL statement to add a columns ID as the first column of the table locations.



4. Write a SQL statement to add a column region\_id after state\_province to the table locations.

| Field location_id street_address postal_code city                      | Type<br>  <br>  int<br>  varchar(15)                                 | Null<br>+                      | Key                     | Default                      | Evtna |
|--|--|--------------------------------|-------------------------|------------------------------|-------|
| street_address<br>postal_code  |  |                                | h                       |                              | Extra |
| postal_code  | varchar(15)  | NO                             |                         | NULL                         |       |
|  | var char (13)  | YES                            |                         | NULL                         | l I   |
| city   | varchar(8)   | YES                            |                         | NULL                         |       |
|  | varchar(8)   | YES                            |                         | NULL                         |       |
| state_province   | varchar(5)   | YES                            |                         | NULL                         |       |
| country_id   | decimal(4,0)   | YES                            |                         | NULL                         | l I   |
| uery OK, 0 rows a<br>ecords: 0 Duplio<br>ysql> desc locat              | cates: 0 Warnin  |                                | .02 sec                 | -)                           |       |
|  |  |                                |                         |                              |       |
| Field  | Type   | Null                           | Key                     | Default                      | Extra |
| Field<br>location_id   | Type<br>+<br>  int   | Null<br>+<br>  NO              | Key<br>+<br>            | Default<br><br>NULL          | Extra |
|  | int  |                                | Key<br>+<br> <br>       |                              | Extra |
| location_id  | int<br>  varchar(15)<br>  varchar(8)                                 | NO                             | Key<br> <br> <br>       | NULL                         | Extra |
| location_id<br>street_address<br>postal_code<br>city                   | int<br>  varchar(15)<br>  varchar(8)<br>  varchar(8)                 | NO<br>YES<br>YES<br>YES        | Key<br> <br> <br> <br>  | NULL<br>NULL<br>NULL<br>NULL | Extra |
| location_id<br>street_address<br>postal_code<br>city<br>state_province | int<br>  varchar(15)<br>  varchar(8)<br>  varchar(8)<br>  varchar(5) | NO<br>YES<br>YES<br>YES<br>YES | Key<br>  <br> <br>      | NULL<br>NULL<br>NULL<br>NULL | Extra |
| location_id<br>street_address<br>postal_code<br>city                   | int<br>  varchar(15)<br>  varchar(8)<br>  varchar(8)                 | NO<br>YES<br>YES<br>YES        | Key<br>  <br> <br> <br> | NULL<br>NULL<br>NULL<br>NULL | Extra |

5. Write a SQL statement change the data type of the column country\_id to integer in the table locations.

| Field  | Type   | Null  | Key          | Default  | Extra |
|--|--|---|--------------|--|-------|
| ID   | int  | YES   | <del> </del> | NULL   | ·+    |
| location id  | int  | NO  |              | NULL   |       |
| street_address   | varchar(15)  | YES   |              | NULL   |       |
| postal_code  | varchar(8)   | YES   |              | NULL   |       |
| city   | varchar(8)   | YES   |              | NULL   |       |
| state_province   | varchar(5)   | YES   |              | NULL   |       |
| region_id  | int  | YES   |              | NULL   |       |
| country_id   | decimal(4,0)   | YES   |              | NULL   |       |
| uery OK, 0 rows a<br>ecords: 0 Dupli   | e locations mod<br>affected, 1 war<br>cates: 0 Warni                                 | ning (0   |              |  |       |
| rows in set (0.0) ysql> alter tablouery OK, 0 rows of coords: 0 Dupliousysql> desc locations. Field  | e locations mod<br>affected, 1 war<br>cates: 0 Warni<br>ions;                        | rning (0<br>ings: 1   | .05 se       |  | Extra |
| ysql> alter table uery OK, 0 rows a ecords: 0 Dupli ysql> desc locat   | e locations mod<br>affected, 1 war<br>cates: 0 Warni<br>ions;<br>                    | rning (0<br>ings: 1<br>+<br>  Null  | .05 se       | Default  | Extra |
| ysql> alter table<br>uery OK, 0 rows a<br>ecords: 0 Dupli<br>ysql> desc locat  | e locations mod<br>affected, 1 war<br>cates: 0 Warni<br>ions;                        | rning (0<br>ings: 1   | .05 se       | c)   | Extra |
| ysql> alter table uery OK, 0 rows a ecords: 0 Dupli ysql> desc locat Field   | e locations mod<br>affected, 1 war<br>cates: 0 Warns<br>ions;<br>                    | ning (0<br>ings: 1<br>  Null  | .05 se       | Default  | Extra |
| ysql> alter table uery OK, 0 rows a ecords: 0 Dupli ysql> desc locat Field ID location_id  | e locations mode affected, 1 war cates: 0 Warns ions; Type I int I int I varchar(15) | rning (0 ings: 1  +   Null    +   YES   | .05 se       | Default  | Extra |
| ysql> alter table uery OK, 0 rows a ecords: 0 Dupli ysql> desc locat Field  ID location_id street_address postal_code city                 | e locations mod affected, 1 war cates: 0 Warni ions;                                 | ning (0 ings: 1   Null   Null | .05 se       | Default   NULL   NULL   NULL   NULL   NULL   NULL   NULL   NULL        | Extra |
| ysql> alter table uery OK, 0 rows a ecords: 0 Dupli ysql> desc locat  Field  ID location_id street_address postal_code city state_province | e locations modaffected, 1 warcates: 0 Warns ions;                                   | ning (0 ings: 1   Null     YES     YES   YES   YES   YES   YES   YES  | .05 se       | Default   NULL   NULL   NULL   NULL   NULL   NULL   NULL   NULL   NULL | Extra |
| ysql> alter table uery OK, 0 rows a ecords: 0 Dupli ysql> desc locat Field  ID location_id street_address postal_code city                 | e locations mod affected, 1 war cates: 0 Warni ions;                                 | ning (0 ings: 1   Null   Null | .05 se       | Default   NULL   NULL   NULL   NULL   NULL   NULL   NULL   NULL        | Extra |

6. Write a SQL statement to drop the column city from the table locations.

| Field  | Type   | Null  | Key | Default                              | Extra |
|--|--|---|-----|--------------------------------------|-------|
| ID   | int  | YES   |     | NULL                                 |       |
| location id  | int  | NO  |     | NULL                                 | i i   |
| street_address   | varchar(15)  | YES   |     | NULL                                 | i i   |
| postal_code  | varchar(8)   | YES   |     | NULL                                 | i i   |
| city   | varchar(8)   | YES   |     | NULL                                 |       |
| state_province   | varchar(5)   | YES   |     | NULL                                 |       |
| region_id  | int  | YES   |     | NULL                                 |       |
| country_id   | int  | YES   |     | NULL                                 |       |
| sql> alter table<br>ery OK, 0 rows a<br>cords: 0 Duplid  | e locations dr<br>affected (0.01<br>cates: 0 Warn  | sec)  | ;   |                                      |       |
| rows in set (0.6 sql> alter table ery OK, 0 rows a cords: 0 Duplic sql> desc locat:                                | e locations draffected (0.01<br>cates: 0 Warn<br>ions;   | sec) ings: 0                                      | +   | <br>Default                          | Extra |
| sql> alter table ery OK, 0 rows a cords: 0 Duplic sql> desc locat:   | e locations dra<br>affected (0.01<br>cates: 0 Warn<br>ions;<br>  | sec) ings: 0    Null                              | +   |                                      | Extra |
| sql> alter table ery OK, 0 rows a cords: 0 Duplic sql> desc locat:   | e locations dra affected (0.01 cates: 0 Warn ions;   | sec)<br>ings: 0<br>+<br>  Null<br>+               | +   | NULL                                 | Extra |
| sql> alter table ery OK, 0 rows a cords: 0 Duplic sql> desc locat:   | e locations dra affected (0.01 cates: 0 Warn ions;  Type int int   | sec) ings: 0    Null      YES   NO                | +   | NULL<br>NULL                         | Extra |
| sql> alter table ery OK, 0 rows a cords: 0 Duplic sql> desc locat:   | e locations dra affected (0.01 cates: 0 Warn ions;  Type  int int varchar(15)  | sec) ings: 0    Null   YES   NO   YES             | +   | NULL<br>NULL<br>NULL                 | Extra |
| sql> alter table ery OK, 0 rows a cords: 0 Duplic sql> desc locat: Field ID location_id street_address postal_code | e locations draffected (0.01 cates: 0 Warn lons; Type Int int long large | sec) ings: 0    Null   YES   NO   YES   YES       | +   | NULL<br>NULL<br>NULL<br>NULL         | Extra |
| sql> alter table ery OK, 0 rows a cords: 0 Duplic sql> desc locat:   | e locations dra affected (0.01 cates: 0 Warn ions;  Type  int int varchar(15) varchar(5)   | sec) ings: 0    Null   YES   NO   YES   YES   YES | +   | NULL<br>NULL<br>NULL<br>NULL<br>NULL | Extra |
| sql> alter table ery OK, 0 rows a cords: 0 Duplic sql> desc locat:   | e locations draffected (0.01 cates: 0 Warn lons; Type Int int long large | sec) ings: 0    Null   YES   NO   YES   YES       | +   | NULL<br>NULL<br>NULL<br>NULL         | Extra |

7. Write a SQL statement to change the name of the column state\_province to state, keeping the data type and size same.

```
mysql> desc locations;
                                              | Null | Key | Default | Extra |
 Field
                           Type
 ID
                           int
                                                                   NULL
 location_id
street_address
postal_code
state_province
                           int
                           varchar(15)
varchar(8)
varchar(5)
                                               YES
YES
YES
 region_id
 country_id
                                                                   NULL
 rows in set (0.00 sec)
mysql> alter table locations drop state_province,ADD state varchar(5) after postal_code;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0
ysql> desc locations;
 Field
                                              | Null | Key | Default | Extra |
                           Type
                           int
                                               NO
YES
YES
YES
YES
  location_id
                                                                   NULL
                           int
 street_address
postal_code
                           varchar(15)
varchar(8)
varchar(5)
                                                                   NULL
 state
region_id
  country_id
  rows in set (0.00 sec)
```

8. Write a SQL statement to add a primary key for the columns location\_id in the locations table.

Here is the sample table employees.

Sample table: employees

| Field  | Туре  | Null  | Key    | Default                                 | Extra |
|--|---|---|--------|---|-------|
| ID   | int   | YES   |        | NULL                                    |       |
| location_id  | int   | NO  | İ      | NULL                                    | ĺ     |
| street_address   |   | YES   |        | NULL                                    | ļ     |
| postal_code  | varchar(8)  | YES   | !      | NULL                                    | !     |
| state  | varchar(5)  | YES   |        | NULL                                    |       |
| region_id<br>country id  | int<br>  int  | YES<br>  YES                                |        | NULL<br>NULL                            |       |
| Lountry_1u   | I IIIC  | 153   |        | NOLL                                    | !     |
| sql> alter tabl<br>ery OK, 0 rows<br>cords: 0 Dupli  | e locations ad<br>affected (0.05<br>cates: 0 Warn               | sec)  | ry key | (location_                              | id);  |
| rows in set (0.  sql> alter tabl ery OK, 0 rows cords: 0 Dupli  sql> desc locat                            | e locations ad<br>affected (0.05<br>cates: 0 Warn<br>ions;      | sec)<br>ings: 0                             |        |   | +     |
| sql> alter tabl<br>ery OK, 0 rows<br>cords: 0 Dupli  | e locations ad<br>affected (0.05<br>cates: 0 Warn               | sec)  |        | (location_<br>Default                   | +     |
| sql> alter tabl ery OK, 0 rows cords: 0 Dupli sql> desc locat  | e locations ad<br>affected (0.05<br>cates: 0 Warn<br>ions;<br>+ | sec) ings: 0    Null      YES               | Key    | Default<br>NULL                         | +     |
| sql> alter tabl ery OK, 0 rows cords: 0 Dupli sql> desc locat Field ID location_id                         | e locations ad<br>affected (0.05<br>cates: 0 Warn<br>ions;<br>  | sec) ings: 0    Null   YES   NO             |        | Default<br>NULL<br>NULL                 | +     |
| sql> alter tabl ery OK, 0 rows cords: 0 Dupli sql> desc locat Field ID location_id street_address          | e locations ad affected (0.05 cates: 0 Warn ions;               | sec) ings: 0    Null   YES   NO   YES       | Key    | Default<br>NULL<br>NULL<br>NULL         | +     |
| sql> alter tabl ery OK, 0 rows cords: 0 Dupli sql> desc locat Field location_id street_address postal_code | e locations ad affected (0.05 cates: 0 Warn ions;               | sec) ings: 0    Null   YES   NO   YES   YES | Key    | Default<br>NULL<br>NULL<br>NULL<br>NULL | +     |
| sql> alter tabl ery OK, 0 rows cords: 0 Dupli sql> desc locat Field ID location_id street_address          | e locations ad affected (0.05 cates: 0 Warn ions;               | sec) ings: 0    Null   YES   NO   YES       | Key    | Default<br>NULL<br>NULL<br>NULL         | +     |

9. Write a SQL statement to add a primary key for a combination of columns location\_id and country\_id.

```
nysql> desc locations;
 Field
                                   Null | Key | Default | Extra |
                    Type
                    int
 location_id
                    int
                                                  NULL
 street_address
postal_code
                    varchar(15)
                                                  NULL
                    varchar(8)
                                                  NULL
                    varchar(5)
 state
                                    YES
                                                  NULL
 region_id
                    int
 country_id
 rows in set (0.00 sec)
ysql> alter table locations add primary key(location_id,country_id);
Query OK, 0 rows affected (0.17 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> desc locations;
 Field
                    Type
                                   Null | Key | Default | Extra
                                    YES
                    int
                                                  NULL
 location_id
                    int
                                            PRI
                                    NO
                                                  NULL
 street_address
                    varchar(15)
                                                  NULL
 postal_code
                    varchar(8)
 state
                    varchar(5)
 region_id
                                                  NULL
                    int
 country_id
                    int
                                    NO
                                            PRI
                                                  NULL
 rows in set (0.00 sec)
```

10. Write a SQL statement to drop the existing primary from the table locations on a combination of columns location id and country id.

```
mysql> desc locations;
 Field
                                    Null | Key
                                                  Default | Extra
                    Type
 ID
                                    YES
                    int
                                                   NULL
 location id
                                            PRI
                    int
                                    NO
                                                   NULL
 street_address
                    varchar(15)
                                                   NULL
 postal_code
                    varchar(8)
                                    YES
                                                   NULL
                    varchar(5)
 state
                                    YES
                                                   NULL
  region_id
                    int
                                                   NULL
                    int
                                                  NULL
 country_id
                                            PRI
                                    NO
 rows in set (0.00 sec)
mysql> alter table locations drop primary key;
Query OK, 0 rows affected (0.06 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> desc locations;
                                   | Null | Key | Default | Extra |
 Field
                    Type
 ID
                    int
                                    YES
                                                   NULL
  location_id
                    int
                                                   NULL
 street_address
                    varchar(15)
                                                   NULL
 postal_code
                    varchar(8)
                                    YES
                                                   NULL
 state
                    varchar(5)
                                    YES
                                                   NULL
  region_id
                    int
                                    YES
                                                   NULL
 country_id
                    int
                                    NO
                                                  NULL
 rows in set (0.00 sec)
```

11. Write a SQL statement to add a foreign key on job\_id column of job\_history table referencing to the primary key job\_id of jobs table.

| Field   | Type  | Null                         | Key                          | Defa                         | ult                          | Extr  | ra                  |
|---|---|------------------------------|------------------------------|------------------------------|------------------------------|-------|---------------------|
| employee_id<br>start_date<br>hire_date<br>job_id<br>department_i          | int<br>  date<br>  date<br>  int<br>d   int | NO<br>YES<br>YES<br>NO<br>NO | <br> <br> <br> <br> <br>     | NULI<br>NULI<br>NULI<br>NULI |                              |       |                     |
| rows in set   | (0.00 sec                                   | )                            |                              | *                            |                              |       |                     |
| ysql> desc jo   | bs;   |                              |                              |                              |                              |       |                     |
| Field   | Туре  | i                            | Null                         | Key                          | Defa                         | ult   | Ext                 |
| job_id<br>job_title<br>min_salary<br>max_salary                           |   | 35)  <br>5,0)                | NO  <br>NO  <br>YES  <br>YES | PRI                          | NULI<br>NULI<br>NULI<br>NULI |       | <br> <br> <br> <br> |
| rows in set   | able job_                                   | nistory                      |                              |                              | key                          | job_i | id)                 |
|   | ws attect                                   |                              |                              |                              |                              |       |                     |
| uery OK, 0 ro   |   |                              |                              |                              |                              |       |                     |
| uery OK, 0 ro<br>ecords: 0 Du   | plicates:                                   | :                            |                              |                              |                              |       |                     |
| Query OK, 0 ro<br>Records: 0 Du   | plicates:<br>b_history                      | +                            | +<br>  Kev                   | +<br>  Defa                  | ult                          | Extr  | +<br>ra             |
|   | plicates:<br>b_history<br>+<br>  Type<br>+  | Null                         | +<br>  Key<br>+              |                              |                              | Extr  | +<br>ra             |
| Query OK, 0 ro<br>Records: 0 Du<br>nysql> desc jo                         | plicates:<br>b_history                      | +                            | +<br>  Key<br>+<br>          | +<br>  Defa<br>+<br>  NULL   |                              | Extr  | ra                  |
| Query OK, 0 ro<br>Records: 0 Du<br>nysql> desc jo<br>Field<br>employee_id | plicates: b_history+   Type+                | Null<br> <br>  NO            | <br> <br> <br>               | NULL                         | -                            | Extr  | ra                  |

12. Write a SQL statement to add a foreign key constraint named fk\_job\_id on job\_id column of job\_history table referencing to the primary key job\_id of jobs table.

| nysql> alter tab<br>Query OK, 0 rows<br>Records: 0 Dupl:          | affecte                          | ed (0.0   | 7 sec)              |                      | fk_job_i | d foreign key( | job_id) REFE | RENCES jobs(jo | b_id) ON UP | DATE REST | RICT ON | DELETE CASCA | DE; |               |     |
|---|----------------------------------|-----------|---------------------|----------------------|----------|----------------|--------------|----------------|-------------|-----------|---------|--------------|-----|---------------|-----|
| mysql> desc job_l   |                                  |           |                     |                      |          |                |              |                |             |           |         |              |     |               |     |
| Field   | Type                             | Null      | Key                 | Default              | Extra    | i              |              |                |             |           |         |              |     |               |     |
| employee_id<br>start_date<br>hire_date<br>job_id<br>department_id | int<br>  date<br>  date<br>  int | NO<br>YES | <br> <br> <br>  MUL | NULL<br>NULL<br>NULL |          |                |              |                |             |           |         |              |     |               |     |
| rows in set (0  | x from j                         | job_his   |                     |                      |          | +              | +            | +              | +           | +         | +       |              | +   |               | +   |
| E   Expression  |                                  |           |                     |                      |          |                |              |                |             |           |         |              |     | Index_comment |     |
| +   |                                  |           | k_job_i             | id                   |          | job_id         |              | 0              | NULL        | NULL      |         | BTREE        |     |               | YES |
| l row in set (0.0   |                                  | ,         |                     |                      |          | ,              |              | ,              | ,           |           | ,       |              |     |               |     |

13. Write a SQL statement to drop the existing foreign key fk\_job\_id from job\_history table on job\_id column which is referencing to the job\_id of jobs table.

14. Write a SQL statement to add an index named indx\_job\_id on job\_id column in the table job history.

| mysql> show index   |   |                               |                            | +                                    |            | +              | +            |                 |           |          |         |      |            | +       | +                 | +        |
|---|---|-------------------------------|----------------------------|--------------------------------------|------------|----------------|--------------|-----------------|-----------|----------|---------|------|------------|---------|-------------------|----------|
| Table   New Table   Table | Non_uniq  | que   Ke                      | ey_name                    | le   Seq_:                           | in_index   | Column_name    | Collation    | Cardinality     | Sub_pa    | oart   1 | Packed  | Null | Index_type | Comment | Index_comment     | Visibl   |
| job_history  <br>  NULL   |   | 1   f                         | k_job_i                    | id                                   |            | job_id         |              |                 | NI        | VULL     | NULL    |      | BTREE      |         |                   | YES      |
| 1 row in set (0.6<br>mysql> alter tabl<br>Query OK, 0 rows<br>Records: 0 Dupli<br>mysql> desc job_  | 00 sec)<br>le job_h<br>affecte<br>icates:<br>history; | nistory<br>ed (0.02<br>0 Warr | add in<br>2 sec)<br>nings: | ndex inde:                           | ex_job_id( | job_id);       |              |                 |           |          |         |      |            |         |                   |          |
| Field   | Type  | Null                          | Key                        | Default                              |            |                |              |                 |           |          |         |      |            |         |                   |          |
| employee_id<br>  start_date<br>  hire_date<br>  job_id<br>  department_id   | int  <br>  date  <br>  date  <br>  int                | NO<br>YES<br>YES<br>NO<br>NO  | MUL                        | NULL<br>NULL<br>NULL<br>NULL<br>NULL |            |                |              |                 |           |          |         |      |            |         |                   |          |
| 5 rows in set (0.   | x from j  | job_hist                      | tory;                      |                                      |            |                |              |                 |           |          |         |      |            |         |                   |          |
|   | +<br>Non_uniq<br>n                                    | que   Ke                      | ey_name                    | ie   Si                              | eq_in_inde | ex   Column_na | me   Collati | ion   Cardinali | ity   Sub | ub_part  | Packe   |      |            |         | ent   Index_comme | nt   Vis |
| job_history  <br>  NULL   |   |                               |                            | ob_id                                |            | 1   job_id     |              | ı               | 0         |          | .   NUL |      | BTREE      | İ       | İ                 | YES      |
| 1 row in set (0 (   |   |                               |                            |                                      |            |                |              |                 |           |          |         |      |            |         |                   |          |

15. Write a SQL statement to drop the index indx\_job\_id from job\_history table.

| mysql> show index from job_hi  | story;   |   | +           |           |             |          |        |      |            |         |         |
|--|--|---|-------------|-----------|-------------|----------|--------|------|------------|---------|---------|
| Table   Non_unique    <br>  Omment   Visible   Expression  | Key_name   | Seq_in_index                            |             | Collation | Cardinality | Sub_part | Packed | Null | Index_type | Comment | Index_c |
| job_history   1   1   1   1   1   1   1   1   1  | -+<br>index_job_id<br> <br> <br>index_job_id_primary_key<br> |   | job_id      | A<br>  A  |             | NULL     | NULL   |      | BTREE      |         |         |
| 2 rows in set (0.01 sec)  mysql> alter table job_histor Query OK, 0 rows affected (0.00)  Records: 0 Duplicates: 0 Wa  mysql> show index from job_hi | y drop index index_job_id<br>01 sec)<br>rnings: 0<br>story;  |   |             |           |             |          |        |      |            |         |         |
| Table   Non_unique       Tame  | -+<br>Key_name<br>   | Seq_in_index                            | Column_name | Collation |             | Sub_part | Packed | Null | Index_type | Comment | Index_c |
|  |  | 1                                       | job_id      | A         | 0           | NULL     | NULL   |      | BTREE      | I I     |         |
| 1 row in set (0.00 sec)  |  | *************************************** | *******     | *         | *           | *        | ,      |      |            | ,       |         |