q1.CREATE TABLE TEACHER(NAME VARCHAR(255) NOT NULL,AGE INT PRIMARY KEY,COURSE VARCHAR(255),CITY VARCHAR(255),EXPERIENCE INT,SALARY INT);

Query OK, 0 rows affected (0.04 sec)

mysql> INSERT INTO TEACHER(NAME,AGE,COURSE,CITY,EXPERIENCE,SALARY) VALUES ('ANIRUDH',30,'JAVASCRIPT','PUNE',9,50000);

mysql> INSERT INTO TEACHER(NAME,AGE,SUBJECT,CITY,EXPERIENCE,SALARY) VALUES ('ARTI',25,'SQL','MUMBAI',5,70000);

Query OK, 1 row affected (0.03 sec)

Q2.

mysql> INSERT INTO TEACHER(NAME,AGE,SUBJECT,CITY,EXPERIENCE,SALARY) VALUES ('NITYA',22,'HTML','AHMEDABAD',1,1000);

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO TEACHER(NAME,AGE,SUBJECT,CITY,EXPERIENCE,SALARY) VALUES ('DIVIJ',22,'CSS','BARNASI',1,2000);

mysql> INSERT INTO TEACHER(NAME,AGE,SUBJECT,CITY,EXPERIENCE,SALARY) VALUES ('DIVIJ',23,'CSS','BARNASI',1,2000);

Query OK, 1 row affected (0.02 sec)

mysql> INSERT INTO TEACHER(NAME,AGE,SUBJECT,CITY,EXPERIENCE,SALARY) VALUES ('SHIVI',21,'TTL','CUTTACK',1,30000);

Query OK, 1 row affected (0.02 sec)

mysql> CREATE TABLE STUDENT(NAME VARCHAR(255),AGE INT PRIMARY KEY,COURSE VARCHAR(255),CITY VARCHAR(255),YEAR INT,PERCENTAGE INT);

Query OK, 0 rows affected (0.07 sec)

mysql> INSERT INTO STUDENT(NAME,AGE,COURSE,CITY,YEAR,PERCENTAGE) VALUES ('HARI',21,'TTL','CUTTACK',4,90);

Query OK, 1 row affected (0.03 sec)

mysql> INSERT INTO STUDENT(NAME,AGE,COURSE,CITY,YEAR,PERCENTAGE) VALUES ('RAMA',22,'SQL','PUNE',4,80);

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO STUDENT(NAME,AGE,COURSE,CITY,YEAR,PERCENTAGE) VALUES ('RADHE',23,'HTML','BBSR',4,70);

Query OK, 1 row affected (0.02 sec)

mysql> INSERT INTO STUDENT(NAME,AGE,COURSE,CITY,YEAR,PERCENTAGE) VALUES ('NAMAN',24,'CSS','ANUGUL',4,75);

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO STUDENT(NAME,AGE,COURSE,CITY,YEAR,PERCENTAGE) VALUES ('RANI',25,'JAVA','NIALI',4,65);

Query OK, 1 row affected (0.02 sec)

q3.mysql> ALTER TABLE TEACHER RENAME COLUMN COURSE TO SUBJECT;

Query OK, 0 rows affected (0.07 sec)

Records: 0 Duplicates: 0 Warnings: 0

Q4.

mysql> CREATE TABLE BACKUP\_STUDENT AS SELECT \* FROM STUDENT;

Query OK, 5 rows affected (0.04 sec)

Records: 5 Duplicates: 0 Warnings: 0

mysql> SELECT \* FROM BACKUP\_STUDENT;

+-------+-----+--------+---------+------+------------+

| NAME | AGE | COURSE | CITY | YEAR | PERCENTAGE |

+-------+-----+--------+---------+------+------------+

| HARI | 21 | TTL | CUTTACK | 4 | 90 |

| RAMA | 22 | SQL | PUNE | 4 | 80 |

| RADHE | 23 | HTML | BBSR | 4 | 70 |

| NAMAN | 24 | CSS | ANUGUL | 4 | 75 |

| RANI | 25 | JAVA | NIALI | 4 | 65 |

+-------+-----+--------+---------+------+------------+

5 rows in set (0.00 sec)

mysql> CREATE TABLE HLOARTI\_MAM AS SELECT \* FROM TEACHER;

Query OK, 5 rows affected (0.06 sec)

Records: 5 Duplicates: 0 Warnings: 0

mysql> SELECT \* FROM HLOARTI\_MAM;

+---------+-----+------------+-----------+------------+--------+

| NAME | AGE | SUBJECT | CITY | EXPERIENCE | SALARY |

+---------+-----+------------+-----------+------------+--------+

| SHIVI | 21 | TTL | CUTTACK | 1 | 30000 |

| ARITRA | 22 | HTML | AHMEDABAD | 1 | 1000 |

| DIVIJ | 23 | CSS | BARNASI | 1 | 2000 |

| ARTI | 25 | SQL | MUMBAI | 5 | 70000 |

| ANIRUDH | 30 | JAVASCRIPT | PUNE | 9 | 50000 |

+---------+-----+------------+-----------+------------+--------+

5 rows in set (0.00 sec)

Q5.

mysql> SELECT NAME FROM STUDENT WHERE CITY IN('PUNE','MUMBAI');

+------+

| NAME |

+------+

| HARI |

| RAMA |

| RANI |

+------+

3 rows in set (0.00 sec)

Q6.

mysql> SELECT NAME FROM TEACHER WHERE NAME LIKE 'A%' AND CITY = 'AHMEDABAD';

+--------+

| NAME |

+--------+

| ARITRA |

+--------+

1 row in set (0.00 sec)

Q7.

mysql> SELECT NAME FROM TEACHER WHERE EXPERIENCE>4;

+---------+

| NAME |

+---------+

| ARTI |

| ANIRUDH |

+---------+

2 rows in set (0.00 sec)

Q8.

mysql> UPDATE TEACHER SET SALARY=SALARY+1000 WHERE EXPERIENCE >3;

Query OK, 2 rows affected (0.01 sec)

Rows matched: 2 Changed: 2 Warnings: 0

mysql> SELECT \* FROM HLOARTI\_MAM;

+---------+-----+------------+-----------+------------+--------+

| NAME | AGE | SUBJECT | CITY | EXPERIENCE | SALARY |

+---------+-----+------------+-----------+------------+--------+

| SHIVI | 21 | TTL | CUTTACK | 1 | 30000 |

| ARITRA | 22 | HTML | AHMEDABAD | 1 | 1000 |

| DIVIJ | 23 | CSS | BARNASI | 1 | 2000 |

| ARTI | 25 | SQL | MUMBAI | 5 | 70000 |

| ANIRUDH | 30 | JAVASCRIPT | PUNE | 9 | 50000 |

+---------+-----+------------+-----------+------------+--------+

5 rows in set (0.00 sec)

Q9.

mysql> SELECT COUNT(NAME) ,CITY FROM STUDENT GROUP BY CITY;

+-------------+--------+

| COUNT(NAME) | CITY |

+-------------+--------+

| 2 | PUNE |

| 1 | BBSR |

| 1 | ANUGUL |

| 1 | MUMBAI |

+-------------+--------+

4 rows in set (0.03 sec)

Q10.

mysql> SELECT \* FROM STUDENT WHERE PERCENTAGE>70 ;

+-------+-----+--------+--------+------+------------+

| NAME | AGE | COURSE | CITY | YEAR | PERCENTAGE |

+-------+-----+--------+--------+------+------------+

| HARI | 21 | TTL | PUNE | 4 | 90 |

| RAMA | 22 | SQL | PUNE | 4 | 80 |

| NAMAN | 24 | CSS | ANUGUL | 4 | 75 |

+-------+-----+--------+--------+------+------------+

3 rows in set (0.00 sec)

mysql> SELECT \* FROM TEACHER WHERE EXPERIENCE>3 ;

+---------+-----+------------+--------+------------+--------+

| NAME | AGE | SUBJECT | CITY | EXPERIENCE | SALARY |

+---------+-----+------------+--------+------------+--------+

| ARTI | 25 | SQL | MUMBAI | 5 | 70000 |

| ANIRUDH | 30 | JAVASCRIPT | PUNE | 9 | 50000 |

+---------+-----+------------+--------+------------+--------+

2 rows in set (0.00 sec)

Q11.

mysql> CREATE TABLE backup\_table LIKE TEACHER;

Query OK, 0 rows affected (0.03 sec)

mysql> SELECT \* FROM BACKUP\_TABLE;

Empty set (0.00 sec)

mysql> DESC BACKUP\_TABLE;

+------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+------------+--------------+------+-----+---------+-------+

| NAME | varchar(255) | NO | | NULL | |

| AGE | int | NO | PRI | NULL | |

| SUBJECT | varchar(255) | YES | | NULL | |

| CITY | varchar(255) | YES | | NULL | |

| EXPERIENCE | int | YES | | NULL | |

| SALARY | int | YES | | NULL | |

+------------+--------------+------+-----+---------+-------+

6 rows in set (0.06 sec)

Q12.

mysql> CREATE TABLE CODITAS (

-> ID INT PRIMARY KEY,

-> IMG\_DATA BLOB,

-> VDO\_DATA BLOB);

Query OK, 0 rows affected (0.04 sec)