**SQL QUERIES**

* **Write a query to create a table 'electricity\_connection\_type'.**

mysql> Create table electricity\_connection\_type(id int(11) primary key,connection\_name varchar(20) NOT NULL);

* **Write a query to create a table 'slab'.**

mysql> create table slab(id int(11) primary key,connection\_type\_id int(11) NOT NULL,from\_unit int(11) NOT NULL,to\_unit int(11) NOT NULL,rate double NOT NULL,Foreign key(connection\_type\_id) References electricity\_connection\_type(id));

* **Write a query to create a table 'building\_type'.**

mysql> create table building\_type(id int(11) primary Key, name varchar(100) NOT NULL,connection\_type\_id int(11) NOT NULL,Foreign key(connection\_type\_id) References electricity\_connection\_type(id));

* **Write a query to create a table 'building'.**

mysql> create table building(id int(11) primary key,ownername varchar(100) NOT NULL,address varchar(100) NOT NULL,building\_type\_id int(11) NOT NULL,contact\_number varchar(100) NOT NULL,email\_address varchar(100) NOT NULL,foreign key(building\_type\_id) references building\_type(id));

* **Write a query to alter the column 'owner\_name' to 'building\_owner\_name' in the table 'building'.**

mysql> alter table building

-> change column ownername building\_owner\_name varchar(100);

* **Write a query to change the datatype of the column address in the table 'building' to varchar(255).**

mysql> alter table building modify column address varchar(255);

* **Write a query to create a constraint which allows only 'commercial' or 'home' connection\_name in the 'electricity\_connection\_type' table.Specify constraint name as 'check\_connection\_name'.**

mysql> alter table electricity\_connection\_type add constraint check\_connection\_name check(connection\_name="commercial" or connection\_name="home");

* **Write a query to rename table 'building' to 'building\_details'.**

mysql> rename table building to building\_details;

* **Write a query to drop table 'slab'.**

mysql> drop table slab;

* **Write a query to drop table 'building\_details'.**

mysql> drop table building\_details;

* **Write a query to insert any 2 records into the 'electricity\_connection\_type' table.**

mysql> insert into electricity\_connection\_type values(1,'COMMERCIAL'),(2,'HOME');

* **Write a query to insert any 3 records into the 'slab' table.**

mysql> insert into slab values(1,1,25,50,200),(2,1,15,30,400),(3,2,20,40,800);

* **Write a query to insert any 5 records into the 'building\_type' table.**

mysql>insert into building\_type values(1,'two storey',1),(2,'apartment',3);

* **Write a query to change the from\_unit value from 0 to 1 in the 'slab' table.**

mysql>update slab set from\_unit=1 where id=4;

* **Write a query to change the name 'Shopping Mall' to 'Mall' in the building\_type table.**

mysql>update building\_type set name='Mall' where id=3;

* **Write a query to delete the entire details of the table 'slab'.**

mysql>delete from slab;