1.Write a query to create role table which have the following details. Sample Query: create table role (id BIGINT(20), name varchar(255) NOT NULL, primary key(id));

--1

CREATE TABLE role(

id Number(10),

name varchar(20)

);

2. Write a query to create skill table. Please note that the field description can be NULL and the default value is NULL

--2

CREATE TABLE skill(

id Number(10),

description varchar(255),

name varchar(20)

);

3. Write a query to create post\_type table.

CREATE TABLE post\_type(

id Number(20),

name Varchar(255)

);

4. Write a query to create department table.

--4

CREATE TABLE department(

id Number(10),

name Varchar(255)

);

5. Write a query to create degree table.

--5

CREATE TABLE degree(

id Number(10),

department\_id Number(20),

name Varchar(255)

);

6. Write a query to create profile table. Please note that designation field can be NULL and the default value is NULL.

--6

CREATE TABLE profile(

id Number(10),

address Varchar(255),

batch Varchar(255),

degree\_id number(10),

designation varchar(255) NULL,

gender varchar(255)

);

7. Write a query to create higher\_degree table. Please note that fields degree\_name and university\_name can be NULL and the default value is NULL.

--7

CREATE TABLE higher\_degree(

id Number(10),

degree\_name varchar(255),

university\_name varchar(255),

profile\_id number(10)

);

8. Write a query to create experience table. Please note that filed end can be NULL and Default value is NULL.

--8

Create TABLE experience(

id number(10),

company\_name varchar(255),

currentC number(10),

end\_date DATE,

start\_date DATE,

profile\_id number(10)

);

9. Write a query to create project table. Please note that field short\_description can be NULL and the default value is NULL.

--9

CREATE TABLE project(

id Number(10),

name varchar(255),

number\_of\_members number(10),

profile\_id number(10),

short\_description varchar(255)

);

10. Write a query to create profile\_skills table.

--10

CREATE TABLE profile\_skills(

skill\_id number(10),

profile\_id number(10)

);

11. Write a query to create user table. Please note that the field profile\_id can be NULL and the default value is NULL.

--11

CREATE TABLE user1(

id Number(10),

emailid Varchar(255),

name Varchar(255),

password varchar(10),

phonenumber varchar(255),

profile\_id number(10),

role\_id number(10),

username varchar(255)

);

12. Write a query to create query table. Please note that field parent\_id can be NULL and the default value is NULL.

--12

CREATE TABLE query1(

id number(10),

content varchar(255),

Qdate DATE,

parent\_id number(10),

user\_id number(10)

);

13. Write a query to create event table. Please note that field description can be NULL and the default value is NULL.

--13

CREATE TABLE EVENT(

id number(10),

Edate DATE,

description varchar(255),

invitation varchar (255),

name varchar(255),

organiser\_id number(10)

);

14. Write a query to create post table.

--14

CREATE TABLE post(

id Number(10),

content varchar(255),

pdate DATE,

type\_id number(10),

user\_id number (10)

);

15. Write a query to add a new column named description of type varchar(255) to role table.

--15

Alter Table role Add Description varchar(255);

16. Write a query to change the type of field description in the role table to varchar(500);

Alter table role

MODIFY Description varchar(500);

17. Write a query to remove the column description from the role table.

--17

Alter table role drop column Description;

18. Write a query to rename table role to roles.

--18

Rename role to roles;

19. Write a query to rename table roles to role.

Rename roles to role;

20. Write a query to add a new column named user\_id of type BIGINT(20) to department table.

--20

ALter Table department

Add user\_id number(10);

21. Write a query to add a constraint to the department table. user\_id is a foreign key and it references id in the user table.

--make primary keyu first

Alter Table user1

add Primary key (ID);

--add ref

Alter Table Department

add Foreign key (User\_ID) references user1(id);

desc department;

--to check foreign key

select \*

from

user\_constraints

where table\_name= 'DEPARTMENT';

22. Write a query to drop the column user\_id from the department table.

--22

Alter table department drop column user\_id;

23. Write a query to rename table department to departments.

--23

Rename department to departments;

24. Write a query to delete the table profile\_skills.

--24

Drop Table Profile\_skills

25. Write a query to delete post table.

--25

Drop Table post