

**Created a Database of Learning Teacher Info:**

**SQL QURIES:**

--creating a database

create database teacher\_info

--using database

use teacher\_info

--creating table for teacher info

create table teacher

(

teacher\_id int primary key not null identity,

teacher\_name nvarchar(30) not null,

teacher\_email nvarchar(30) not null,

teacher\_gender int foreign key references gender(gender\_id) on delete cascade,

teacher\_dept int foreign key references dept(dept\_id) on delete cascade

)

--droping teacher info table

drop table teacher

--creating table for gender

create table gender(

gender\_id int primary key not null identity,

gender\_name nvarchar(30) not null

)

--creating table for dept

create table dept(

dept\_id int primary key not null identity,

dept\_name nvarchar(30) not null

)

--selecting teacher table

select \* from teacher

--inserting vlaues for teacher table

insert into teacher values('Rafiq', 'rafiq.123', 1,1)

insert into teacher values('Areeb', 'areeb.123', 1,1)

insert into teacher values('Haseeb', 'haseeb.123', 1, 2)

insert into teacher values('Shahnaz', 'shehnaz.123', 2, 3)

insert into teacher values('Rehana', 'rehana.123', 2, 4)

--inserting vlaues for dept

insert into dept values( 'compScience')

insert into dept values( 'Mechanical')

insert into dept values( 'Physics')

insert into dept values ('Electrical')

--selecting dept table

select \* from dept

--inserting values for gender

insert into gender values('male')

insert into gender values('female')

--selecting gender table

select \* from gender

--updating teacher table

update teacher set teacher.teacher\_name = 'sohaib' ,teacher.teacher\_email = 'sohaib.123' where teacher.teacher\_id = 3

--inner joining tables

select teacher.teacher\_id , teacher.teacher\_name, dept.dept\_name, gender.gender\_name from teacher

inner join dept on teacher.teacher\_dept = dept.dept\_id

inner join gender on teacher.teacher\_gender = gender.gender\_id

--executing tables

select \* from gender

select \* from dept

select \* from teacher

**Design and Result:**





