**Assessment Test**

**Complete the following task:**

Create a new database called "School" this database should have two tables: **teachers** and **students.**

The **students**table should have columns for student\_id, first\_name,last\_name, homeroom\_number, phone,email, and graduation year.

The **teachers**table should have columns for teacher\_id, first\_name, last\_name,

homeroom\_number, department, email, and phone.

The constraints are mostly up to you, but your table constraints do have to consider the following:

1. We must have a phone number to contact students in case of an emergency.
2. We must have ids as the primary key of the tables
3. Phone numbers and emails must be unique to the individual.

Once you've made the tables, insert a student named Rahul Galande (student\_id=1) who has a phone number of 7775551234 and have an email Rahul.galande@gmail.com. He graduates in 2023 and has 5 as a homeroom number.

Then insert a teacher names Chandrashekhar Gogte (teacher\_id = 1) who as a homeroom number of 5 and is from the Biology department. His contact info is: Chandrashekhar.gogte@gamil.com and a phone number of 7775554321.

**Keep in mind that these insert tasks may affect your constraints!**

**Soln**

create table student(

student\_id int primary key,

first\_name varchar(500) not NULL,

last\_name varchar(500) not NULL,

homeroom\_number int not null unique,

phone varchar(20) not NULL unique,

email varchar(200) not null unique,

graduation\_year date);

create table teacher(

teacher\_id int primary key,

homeroom\_number int not null unique,

department varchar(200) not null,

email varchar(200) not null unique,

phone varchar(20) not null unique);

insert into student values(1,'Rahul','Galande',

5, 7775551234,'Rahul.galande@gmail.com',

'2023-02-01');

select \* from student;

drop table teacher;

create table teacher(

teacher\_id int primary key,

first\_name varchar(200) not null,

last\_name varchar(200) not null,

homeroom\_number int not null unique,

department varchar(200) not null,

email varchar(200) not null unique,

phone varchar(20) not null unique);

insert into teacher values(1,'Chandrashekhar','Gogte',

5,'Biology','Chandrashekhar.gogte@gamil.com ',7775554321);

select \* from teacher;