select \* from DEPARTMENT

CREATE TABLE DEPARTMENT (

D\_ID INT PRIMARY KEY,

D\_NAME VARCHAR(50) NOT NULL,

HOD VARCHAR(100) NOT NULL,

SUBJECTS TEXT[] NOT NULL,

F\_ID INT

);

select \* from STUDENT

CREATE TABLE STUDENT(

S\_ID INT PRIMARY KEY,

FNAME VARCHAR(50) NOT NULL,

MNAME VARCHAR(50) NOT NULL,

LNAME VARCHAR(50) NOT NULL,

GENDER TEXT CHECK (GENDER IN ('Male' , 'Female')) NOT NULL,

ContactNum VARCHAR(12) NOT NULL,

YEAR INT NOT NULL,

SEMESTER INT NOT NULL,

GPA DECIMAL(3,2),

PersonalEmail VARCHAR(100) UNIQUE,

CollegeEmail VARCHAR(100) NOT NULL,

D\_ID INT,

F\_ID INT,

CONSTRAINT DEPTID\_FK FOREIGN KEY (D\_ID) REFERENCES DEPARTMENT (D\_ID)

);

select \* from FACULTY

CREATE TABLE FACULTY (

F\_ID INT PRIMARY KEY,

F\_NAME VARCHAR(255) NOT NULL,

FMAIL VARCHAR(255) UNIQUE

);

select \* from INTERNSHIP

CREATE TABLE INTERNSHIP (

stipend DECIMAL(10, 2),

work\_hrs INT,

certificate BOOLEAN,

start\_date DATE,

end\_date DATE,

S\_ID INT,

CONSTRAINT SID\_FK FOREIGN KEY (S\_ID) REFERENCES STUDENT(S\_ID)

);

ALTER TABLE DEPARTMENT

ADD CONSTRAINT F\_IDFK FOREIGN KEY (F\_ID) REFERENCES FACULTY(F\_ID);

ALTER TABLE STUDENT

ADD CONSTRAINT F\_1IDFK FOREIGN KEY (F\_ID) REFERENCES FACULTY(F\_ID);

SELECT table\_name

FROM information\_schema.tables

WHERE table\_schema = 'public';

insert into DEPARTMENT values(01,'IT','CAT','{"SUB1","SUB2"}',1223);

insert into DEPARTMENT values(02,'CS','DOG','{"SUB3","SUB4"}',1335);

insert into FACULTY values(1223,'CAT','CAT@GMAIL.COM');

insert into FACULTY values(1335,'DOG','DOG@GMAIL.COM');

insert into STUDENT values(121,'John','Ken','Smith','Male',1234567890,2,3,8.5,'JohnKenSMith@Gmail.com','JOhn122@outlook',01,1223);

insert into STUDENT values(122,'Avery','George','Kennedy','Female',0987654321,2,3,9.8,'AveryGeorge@Gmail.com','Avery1245@outlook',02,1335);

insert into INTERNSHIP values(10000,5,TRUE,'1/2/2023','10/6/2023',121);

insert into INTERNSHIP values(10000,8,TRUE,'4/3/2023','10/7/2023',122);

**NEW CODE ACC TO CHAMU Mam**select \* from STUDENT;

Drop table STUDENT

create table STUDENT

(

S\_ID VARCHAR(200) NOT NULL PRIMARY KEY,

NAME VARCHAR(500) NOT NULL,

GENDER TEXT CHECK (GENDER IN ('Male' , 'Female')) NOT NULL,

ContactNum VARCHAR(12) NOT NULL,

PersonalEmail VARCHAR(100) UNIQUE,

CollegeEmail VARCHAR(100) NOT NULL,

YEAR INT NOT NULL

);

select \* from FACULTY

CREATE TABLE FACULTY

(

F\_ID VARCHAR(20),

F\_NAME VARCHAR(255) NOT NULL,

FMAIL VARCHAR(255) UNIQUE

);

CREATE TABLE INTERNSHIP

(

INTERNSHIP\_ID SERIAL,

STUDENT\_ID VARCHAR REFERENCES STUDENT(S\_ID),

INTERNSHIP\_NAME VARCHAR(255) NOT NULL,

COMPANY\_NAME VARCHAR(255) NOT NULL,

INTERNSHIP\_START\_DATE DATE,

INTERNSHIP\_END\_DATE DATE

);

INSERT INTO STUDENT VALUES ('122A3051', 'Shlok Shinde', 'Male', '9987106887', 'easeup@gmail.com', 'shloknsit122@gst.sies.edu.in', 2);

DELETE FROM STUDENT WHERE S\_ID = '122A3051';