```sql
%%sql
DROP TABLE IF EXISTS Course;
DROP TABLE IF EXISTS Users;
DROP TABLE IF EXISTS Semester;
DROP TABLE IF EXISTS Instructor;
DROP TABLE IF EXISTS Student;
DROP TABLE IF EXISTS Department;
DROP TABLE IF EXISTS Question;
DROP TABLE IF EXISTS File;
DROP TABLE IF EXISTS Assignment;
DROP TABLE IF EXISTS Announcement;

CREATE TABLE Course(
    course_id serial,
    session text,
    course_name text,
    syllabus text,
    credit int,
    PRIMARY KEY(course_id, session)
);

CREATE TABLE Semester(
    year int,
    season text,
    begin_date text,
    end_date text,
    PRIMARY KEY(year, season)
);

CREATE TABLE Users(
    user_id serial primary key,
    user_name text,
    password text,
    gender text,
    user_type text,
    phone int,
    email text
);

CREATE TABLE Instructor(
    user_id serial primary key,
    title_level text
);
```

```sql
CREATE TABLE Student(
    user_id serial primary key,
    enroll_date text
);
CREATE TABLE Department(
    dep_id serial primary key,
    dep_name text
);
CREATE TABLE Question(
    que_id serial primary key,
    que_title text,
    que_description text
);
CREATE TABLE File(
    file_id serial primary key,
    file_name text,
    file_content text
);
CREATE TABLE Assignment(
    assign_id serial primary key,
    assign_title text,
    assign_description text,
    due_date text,
    points int
);
CREATE TABLE Announcement(
    ann_id serial primary key,
    ann_title text,
    ann_content text
);

CREATE TABLE Open(
    open_cid serial primary key,
    course_id int,
    session text,
    year int,
    season text,
    time text,
    location text
);

CREATE TABLE Take(
    user_id int,
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   open_cid int,
   PRIMARY KEY(user_id,open_cid)
);

CREATE TABLE Instruct(
   user_id int,
   open_cid int,
   PRIMARY KEY(user_id,open_cid)
);

CREATE TABLE Belongs(
   user_id int,
   dep_id int,
   PRIMARY KEY(user_id,dep_id)
);

CREATE TABLE Ask(
   user_id int,
   que_id int,
   time text,
   PRIMARY KEY(user_id,que_id)
);

CREATE TABLE Reply(
   user_id int,
   que_id int,
   time text,
   ans_content text,
   PRIMARY KEY(user_id,que_id,time)
);

CREATE TABLE Upload(
   open_cid int,
   file_id int,
   time text,
   PRIMARY KEY(open_cid,file_id)
);

CREATE TABLE PostAssignment(
   open_cid int,
   ass_id int,
   time text,
   PRIMARY KEY(open_cid,ass_id)
```

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);

CREATE TABLE PostAnnouncement(
    open_cid int,
    ann_id int,
    time text,
    PRIMARY KEY(open_cid,ann_id)
);
```