

DDL

```
create schema exam;
```

```
set search_path to exam;
```

```
create table student  
(  
  Enrollment_number Integer not null,  
  firstName Varchar(30) not null,  
  middleName Varchar(30) not null,  
  lastName Varchar(30) not null,  
  fatherName Varchar(30) not null,  
  aadharNumber Integer not null,  
  mobileNumber Integer not null,  
  date_Of_Birth Date not null,  
  aL Varchar(50) not null,  
  city Varchar(30) not null,  
  State Varchar(30) not null,  
  pincode Integer not null,  
  gender Varchar(1) not null,  
  physical_Handicap Boolean not null,  
  email Varchar(30) not null,
```

```
stream Integer not Null,  
school Integer,  
PRIMARY KEY (Enrollment_number),  
FOREIGN KEY (center) REFERENCES  
centers(centerid),  
FOREIGN KEY (school) REFERENCES school(schoolid),  
FOREIGN KEY (stream) REFERENCES stream(sid));
```

```
CREATE TABLE School(  
SchoolID Integer PRIMARY KEY,  
City Integer,  
State Varchar(30),  
Pincode Integer);
```

```
create table result(  
Result_id Integer primary key,  
StudentID Integer not Null,  
is_pass Boolean not Null,  
persentage Integer);
```

```
create table Examiner(  
  E_id Integer PRIMARY KEY,  
  Fname varchar(30) not null,  
  Mname varchar(30) not null,  
  Lname varchar(30) not null,  
  Phone varchar(30) not null,  
  Email varchar(30) not null,  
  Qualification varchar(30) not null,  
  Gender varchar(1) not null,  
  Stream Integer not Null,  
  ischecker Bool not null,  
  isSupervisor Bool not null,  
  isSetter Bool not null,  
  center Integer,  
  examId Integer,  
  FOREIGN KEY (center) REFERENCES  
  centers(centerid),  
  FOREIGN KEY (examid) REFERENCES exam(examid)  
);
```

```
create table gives(  
  StudentId Integer,  
  examId Integer,  
  FOREIGN KEY (exam) REFERENCES exam(examid),  
  FOREIGN KEY (student) REFERENCES  
  student(enrollment_number)  
);
```

```
create table subject(  
  SubjectID Integer primary key,  
  Subject_Name Varchar(30),  
  streamID Varchar(30)  
  FOREIGN KEY (streamid) REFERENCES stream(sid));
```

```
create table stream  
  (Sid Integer primary key,  
  Stream_Name Varchar(30));
```

```
create table exam(  
  ExamID Integer primary key,  
  Date Date,  
  Time Time,  
  subjectID Integer  
);
```

```
create table School_Representative(  
SRid Integer,  
SchoolID Integer not Null unique,  
Address varchar(50),  
Phone Integer,  
Email bigint,  
fname varchar(30),  
mname varchar (30),  
lname varchar(30)  
Pincode Integer  
FOREIGN KEY (schoolid) REFERENCES  
school(schoolid)  
);
```

```
create table conducts(  
CenterID Integer,  
examId Integer  
FOREIGN KEY (centerid) REFERENCES  
centers(centerid)  
FOREIGN KEY (examid) REFERENCES exam(examid)  
);
```

```
create table AnswerSheet(  
Aid Integer primary key,  
Total_marks Integer,  
obtained_marks Integer,  
student Integer not Null,  
checker Integer not Null,  
examID Integer not null);
```

```
create table centers(  
CenterID Integer primary key,  
currentYear Boolean,  
SchoolId Integer Not NULL  
);
```