

```
CREATE TABLE department (  
    dept_name VARCHAR(50) PRIMARY KEY NOT NULL,  
    head VARCHAR(20) NOT NULL,  
    bldg_no INT NOT NULL,  
    phone_no VARCHAR(13) NOT NULL,  
    location VARCHAR(20) ,  
    FOREIGN KEY(location) REFERENCES registrar(location) ON DELETE SET NULL  
);
```

Table name:- department

Field name:- dept_name datatype : varchar, field size : 50 , constraint : primary key , Validation : not null

Field name:- head, datatype: varchar, fieldsize :- 20 ,validation :not null

Field name:- bldg_no ,datatype: int, validation: not null

Field name: phone_no ,datatype: varchar fieldsize : 13 ,validation not null

Field name: location, datatype: varchar fieldsize: 20, constraint : foreign key validation : on delete set null

```
CREATE TABLE has (  
    course_code varchar(10) NOT NULL,  
    dept_name VARCHAR(50) NOT NULL,  
    PRIMARY KEY(course_code,dept_name),  
    FOREIGN KEY(course_code) REFERENCES course(course_code) ON DELETE CASCADE,  
    FOREIGN KEY(dept_name) REFERENCES department(dept_name) ON DELETE CASCADE  
);
```

```
CREATE TABLE class (  
    building_no INT NOT NULL,  
    room_No INT NOT NULL,  
    PRIMARY KEY(building_no,room_No)  
);
```

```
CREATE TABLE enroll (  
    student_id INT NOT NULL,  
    room_No INT NOT NULL,  
    building_no INT NOT NULL,  
    PRIMARY KEY(student_id,room_No),  
    FOREIGN KEY(student_id) REFERENCES student(student_id) ON DELETE CASCADE,  
    FOREIGN KEY(building_no,room_No) REFERENCES class(building_no,room_No) ON DELETE CASCADE  
);
```