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Assignment No. 2

Submitted to:

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Question 1.

```
create table Department(  
    Deptno number(3) primary key,  
    Dname varchar2(20) unique,  
    Location varchar2(20) not null constraint loc check ( Location = 'Delhi' or  
        Location = 'Agra' or Location = 'Pune' )  
);  
  
create table Employee(  
    Empno varchar2(5) primary key constraint emp_no check ( Empno = 'E%' ),  
    Ename varchar2(20) unique,  
    Designation varchar2(20) not null,  
    Salary number(10) default 25000 constraint sal check ( Salary >= 15000 and  
        Salary <= 50000 ),  
    DOB date not null,  
    Dno number(3) references Department  
);  
  
create table Candidate(  
    candidate_ID number(6) primary key,  
    Candidate_Name varchar2(20) not null,  
    Candidate_Email varchar2(30) unique constraint email check ( Candidate_Email = '%@%.%' ),  
    Candidate_Dept varchar2(2) default 'HR',  
    Manager_ID number(6) references Candidate(candidate_ID)  
);
```

Question 2.

1. alter table College add primary key (cName);
2. alter table Student add primary key (sID);
3. alter table Apply add primary key (sID, cName, major);
4. alter table Apply add constraint s_ID foreign key (sID) references Student add
constraint c_name foreign key (cName) references College;
5. alter table Apply modify (major varchar(25));
6. alter table Apply add (decision varchar(3) not null);
7. alter table Apply modify (decision char(1));
8. alter table Apply drop constraint c_name;
9. alter table Student drop (sizeHS);
10. alter table College drop primary key;
11. alter table Apply add constraint unique_pair unique (cName, major);
12. alter table Apply add constraint c_name foreign key (cName) references
College on delete cascade;
13. alter table Apply add foreign key (sID) references Student on delete set null;
14. alter table College rename column enrollment to enroll;