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1. CREATE TABLE College(  
  cName varchar2(10),  
  state varchar2(10),  
  enrollment int  
);
```

```
2. create table Student(  
  sID int ,  
  sName varchar2(10),  
  GPA number(2,1),  
  sizeHS int,  
  DoB date  
);
```

3 Apply table

```
insert into Apply values(123,'Stanford','CS','Y');  
insert into Apply values(123,'Stanford','EE','N');  
insert into Apply values(123,'Berkeley','CS','Y');  
insert into Apply values(123,'Cornell','EE','Y');  
insert into Apply values(234,'Berkeley','biology','N');  
insert into Apply values(345,'MIT','bioengineering','Y');  
insert into Apply values(345,'Cornell','bioengineering','N');  
insert into Apply values(345,'Cornell','CS','Y');  
insert into Apply values(345,'Cornell','EE','N');  
insert into Apply values(678,'Stanford','history','Y');  
insert into Apply values(987,'Stanford','CS','Y');  
insert into Apply values(987,'Berkeley','CS','Y');  
insert into Apply values(876,'Stanford','CS','N');  
insert into Apply values(876,'MIT','biology','Y');  
insert into Apply values(876,'MIT','marine','biology','N');  
insert into Apply values(765,'Stanford','history','Y');  
insert into Apply values(765,'Cornell','history','N');  
insert into Apply values(765,'Cornell','psychology','Y');  
insert into Apply values(543,'MIT','CS','N');
```

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-----*/*****/**/ College*////*****
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```
insert into college values('Stanford','CA',15000);
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insert into College values('Berkele','CA',36000);
```

```
insert into College values('MIT','MA',10000);
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```
insert into College values('Cornell','NY',21000);
```

```
insert into College values('Harvard','MA',50040);
```

```
-----*****ASSIGNMENT 1 SOLUTION =-----*****
```

1. select sName,DoB from Student;
2. select sName,DoB from Student WHERE GPA>3.7;
3. select sName,DoB from Student WHERE sizeHS >1000 and DoB > '31-Dec-96';
4. select sName,DoB from Student WHERE GPA BETWEEN 2.0 and 3.9;
5. select* from College where state='MA';

6. select sName,DoB from Student WHERE GPA BETWEEN 2.0 and 3.5;
7. select sName,DoB from Student WHERE DoB> '1-Jul-96' order by DoB;
8. select sID ,cName from Apply where decision='Y';
9. select sID ,cName from Apply where cName='Stanford';
10. select sName from Student where sizeHS>17000 and GPA<3.8;
11. select cName from College where state!='California';
13. select sName from Student where sizeHS>17000 and GPA<3.8;
14. select*from student;
15. select distinct(major) from Apply;
16. select sName from Student where sName like '%_ %_ %';
17. select sName from Student where length(sName) = 5 and sName like 'H%';
17. select sName from Student where sName like '%_ %_ %_ %_ %' and sName like 'H%';
18. select sName from Student where sName like '%_ %_ e _ %_ e';
19. select sName from Student where sName like '%_ %_ e _ %_ e';
- /* why print two time
20. select sName ,GPA from Student order by GPA asc;
- 21.
22. select sID from Apply where cName in ('Stanford','Cornell','MIT') ;
23. DELETE from Apply where cName='Stanford';
24. delete from College where cName ='Stanford';
25. update Student set GPA = GPA + (GPA * 10.0 / 100.0); select sName ,GPA from Student;
26. update Student
set GPA = GPA + (GPA * 10.0 / 100.0)
where GPA BETWEEN 1.5 AND 3.5 AND sizeHS>1500;
select sName ,GPA from Student ;
27. delete from Student where GPA>3.2;