# DBMS LAB ASSIGNMENT

**SUBJECT CODE : BCSC 0803**

**ASSIGNMENT NO. 3**

1. select \* from student,apply;
2. select sid,sname,gpa,cname,major from student natural join apply;
3. select \* from apply inner join college on apply.cname=college.collegename and state='CA';
4. select sid,sname,gpa,cname from student natural join apply where gpa>3.7 and cname='Stanford';
5. select sid,sname,gpa,sizehs from student natural join apply where major='CS' and decision='N';
6. select sid,sname,gpa,sizehs,cname,major,decision from student natural join apply inner join college on college.collegename=apply.cname where state='NY';
7. select \* from student left outer join apply on student.sid=apply.sid where cname is null;
8. select collegename from college left outer join apply on college.collegename=apply.cname where major is null;
9. select a1.sid from apply a1 left outer join apply a2 on a1.sid=a2.sid and (a1.cname!=a2.cname OR a1.major!=a2.major) where a2.major is null;
10. select distinct sname,gpa from student natural join apply inner join college on college.collegename=apply.cname and enrollment<=25000;
11. select a.sid,b.sid from student a inner join student b on a.gpa=b.gpa and a.sid<b.sid;