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Assignment No. 4

Submitted to:

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Exercise 1

1. select count(\*) from student;
2. select AVG(GPA) from student;



1. select MIN(GPA) as max\_GPA, MAX(GPA) as max\_GPA from student;
2. select count(GPA) from (select GPA from Student where GPA >= 3.7);
3. select max(GPA), avg(GPA), min(GPA) from Student;
4. select count(\*) as num\_College from College;
5. select count( distinct major ) from Apply;
6. select count(\*) as tot\_apply from apply;
7. select avg(distinct GPA) from Student;
8. select count(decision) from ( select decision from apply where decision = 'Y' );
9. select count(sName) from ( select sName from Student where GPA>=3.4 and sizeHS >= 1000 );
10. select count(sID) from ( select sID from Apply where major = 'marine biology' );
11. select decision, count(decision) from apply group by decision;
12. select major, count(major) from apply group by major;
13. select cname, count(cname) from apply group by cname
14. select cname, major, count(major) from apply group by (cname,major)
15. select cname, major, count(major) from apply group by (cname,major) having count(major) >= 2
16. select cname, count(cname) from apply group by cname having count(cname) >= 3;
17. select state, count(state) from college group by state having count(state) > 1;
18. select sName from student group by sName having count(sName) > 1;
19. select student.sID, count(Apply.sID) from student left join Apply on Student.sID = Apply.sID group by (Student.sID);
20. select sname from student where sId in ( select sId from apply group by sId having count(sID) >=3);
21. select sname from student where sID not in ( select sID from apply);
22. select cName, Max(GPA), avg(GPA), min(GPA) from student natural join apply group by cName;
23. select GPA, count(GPA) from student group by GPA;
24. select count(sname) from student where sname like 'A%' or sname like 'C%' or sname like 'B%' ;