

DSW (ISB17CI372)Week 6

Emp(eid: integer, ename: string, age: integer, salary: real, gender: string);
Works(eid: integer, did: integer, pcttime: integer);
Dept(did: integer, dname: string, budget: real, managerid: integer);

Q.1. Select e.name, e.age from emp e, works w, Dept d where dname = 'Hardware department' and dname = 'Software department' and e.eid = w.eid and d.did = w.did;

Q.2. Select w.did, count(w.eid) from works w Group by w.did having 2000 < (select sum(w1.pcttime) from works w1 where w1.did = w.did);

Q.3. Select e.name from emp e where e.salary > All (select d.budget from dept d, works w where e.eid = w.eid and d.did = w.did);

Q.4. Select managerid from Dept where budget > 1000000;

Q.5. Select ename from emp where eid in (select w.eid, max(d.budget) from works w, Dept d where w.did = d.did);

Q.6. Select managerid from Dept Group by (managerid) having sum(budget) > 5000000;

- Q.7. Select managerid, max(Sum(budget)) from Dept group by managerid ;
- Q.8. Select d.dname, count(*) from Dept d, works w, emp e ~~where~~ ~~group~~ where d.did = w.did and e.eid = w.eid group by (d.dname) having avg(~~e~~.salary) > 30,000 ;
- Q.9. select d.dname, count(^{e.eid}*) from Dept d, works w, emp e where d.did = w.did and e.eid = w.eid and ~~e.gender = 'M'~~ ~~group by (d.dname)~~ e.gender = 'M' and e.salary > 30000 group by (d.dname) ;
- Q.10. Select d.dname, max(e.salary) from Dept d, emp e works w where e.eid = w.eid and d.did = w.did group by (d.dname) ;
- Q.11. Select ename from emp where (salary - 10000) >= (Select min(salary) from emp) ;