1. select bdate, address from employee where fname = 'John' and minit = 'B.' and lname = 'Smith';

Text

Description automatically generated

select fname, minit, lname, address from employee where works\_for\_name = 'Research';

Text

Description automatically generated

1. select prjnum, ctrldept\_num from project, manages, employee where ctrldept\_num = deptno and ctrldept\_name = deptname and manages.ssn = employee.ssn and deptno = works\_for\_no and deptname = works\_for\_name and prjloc = 'Stanford';

Text

Description automatically generated

1. select distinct(salary) from employee;

Text

Description automatically generated

1. select e.fname emp\_fname, e.lname emp\_lname, s.fname sup\_fname, s.lname sup\_lname from employee e, employee s where e.supervisor\_ssn = s.ssn;

A screenshot of a computer

Description automatically generated with medium confidence

1. select project.prjnum from project, works\_on, employee where project.prjnum = works\_on.prjnum and project.prjname = works\_on.prjname and works\_on.ssn = employee.ssn and employee.lname = 'Smith';

Text

Description automatically generated

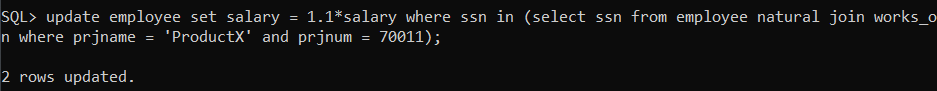
1. select \* from employee where address = 'Houston, Texas';

Timeline

Description automatically generated with low confidence

1. update employee set salary = 1.1\*salary where ssn in (select ssn from employee natural join works\_on where prjname = 'ProductX' and prjnum = 70011);

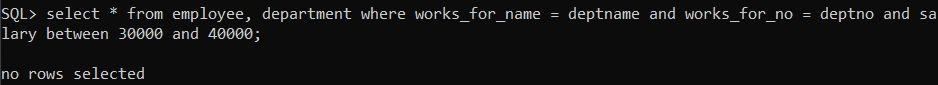
select \* from employee natural join works\_on where prjname = 'ProductX' and prjnum = 70011;



Text

Description automatically generated

1. select \* from employee, department where works\_for\_name = deptname and works\_for\_no = deptno and salary between 30000 and 40000;



1. select \* from employee natural join works\_on order by works\_for\_name, lname, fname;

Text

Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence

Text

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Text

Description automatically generated

A screenshot of a computer screen

Description automatically generated with medium confidence

1. select \* from employee where supervisor\_ssn is null;

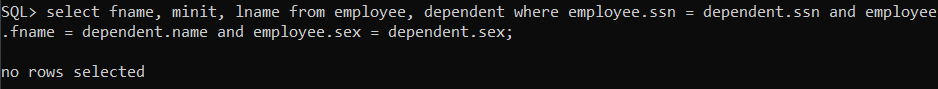
Text

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1. select fname, minit, lname from employee, dependent where employee.ssn = dependent.ssn and employee.fname = dependent.name and employee.sex = dependent.sex;



1. select fname from employee where ssn not in (select distinct(ssn) from dependent);

Text

Description automatically generated

1. select fname from employee natural join manages where ssn in(select ssn from dependent group by ssn having count(\*) > 0);

Text

Description automatically generated

1. select ssn from employee natural join works\_on where prjnum in (70001, 70002, 70003);

Text

Description automatically generated

1. select sum(salary), max(salary), min(salary), avg(salary) from employee;

Text

Description automatically generated

1. select sum(salary), max(salary), min(salary), avg(salary) from employee where works\_for\_name = 'Research';

Text

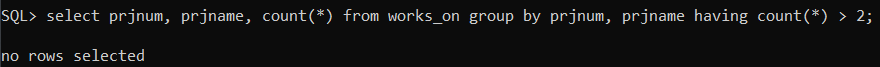
Description automatically generated

1. select prjnum, prjname, count(\*) from works\_on group by prjnum, prjname;

Text

Description automatically generated

1. select prjnum, prjname, count(\*) from works\_on group by prjnum, prjname having count(\*) > 2;



1. (select works\_for\_no, count(\*) from employee where salary > 40000 group by works\_for\_no having count(\*) > 2);

Text

Description automatically generated