

1. List last name, salary, and bonus of all male employees.
2. List last name, salary, and commission for all employees with a salary greater than \$20,000 and hired after 1979.

**Result**

| LASTNAME | SALARY   | COMM    |
|----------|----------|---------|
| -----+   | +-----   | +-----  |
| PULASKI  | 36170.00 | 2893.00 |
| SPENSER  | 26150.00 | 2092.00 |

3. List last name, salary, bonus, and commission for all employees with a salary greater than \$22,000, a bonus of \$400 or \$500, and a commission less than \$1,900. The list should be ordered by last name.

**Result**

| LASTNAME  | SALARY   | BONUS  | COMM    |
|-----------|----------|--------|---------|
| -----     | +-----   | +----- | +--     |
| JEFFERSON | 22180.00 | 400.00 | 1774.00 |
| PIANKA    | 22250.00 | 400.00 | 1780.00 |

4. Using the EMP\_ACT table, for all projects that have a project number beginning with AD and have activities 10, 80, and 180 associated with them, list the following:

- Project number
- Activity number
- Starting date for activity
- Ending date for activity

Order the list by activity number within project number.

**Result**

| PROJNO | ACTNO  | EMSTDATE   | EMENDATE   |
|--------|--------|------------|------------|
| -----  | +----- | +-----     | +-----     |
| AD3100 | 10     | 1982-01-01 | 1982-07-01 |
| AD3110 | 10     | 1982-01-01 | 1983-02-01 |

5. Produce a report that lists employees' last names, first names, and department names. Sequence the report on first name within last name, within department name.

**Result**

| LASTNAME  | FIRSTNME  | DEPTNAME                  |
|-----------|-----------|---------------------------|
| -----     | -----     | -----                     |
| JEFFERSON | JAMES     | ADMINISTRATION<br>SYSTEMS |
| JOHNSON   | SYBIL     | ADMINISTRATION<br>SYSTEMS |
| MARINO    | SALVATORE | ADMINISTRATION<br>SYSTEMS |
| PEREZ     | MARIA     | ADMINISTRATION<br>SYSTEMS |

6. Modify the previous query to include job. Also, list data for only departments between A02 and D22, and exclude managers from the list. Sequence the report on first name within last name, within job, within department name.

**Result**

| LASTNAME  | FIRSTNME  | DEPTNAME                  | JOB   |
|-----------|-----------|---------------------------|-------|
| -----     | -----     | -----                     | ----- |
| JEFFERSON | JAMES     | ADMINISTRATION<br>SYSTEMS | CLERK |
| JOHNSON   | SYBIL     | ADMINISTRATION<br>SYSTEMS | CLERK |
| MARINO    | SALVATORE | ADMINISTRATION<br>SYSTEMS | CLERK |

7. For all projects that have a project number beginning with AD, list project number, project name, and activity number. List identical rows once. Order the list by project number and then by activity number.

**Result**

| PROJNO                        | PROJNAME               | ACTNO  |
|-------------------------------|------------------------|--------|
| -----+-----+-----+-----+----- |                        |        |
| AD3100                        | ADMIN SERVICES         | 10     |
| AD3110                        | GENERAL AD SYSTEMS     | 10     |
| AD3111                        | PAYROLL PROGRAMMING    | 60     |
| AD3111                        | PAYROLL PROGRAMMING    | 70     |
| AD3111                        | PAYROLL<br>PROGRAMMING | 8<br>0 |

8. Which employees in department A00 were hired before their manager?

List department number, the manager's last name, the employee's last name, and the hiring dates of both the manager and the employee.

Order the list by the employee's last name.

| DEPTNO | MANAGER | EMPLOYEE  | M_HIREDATE | E_HIREDATE |
|--------|---------|-----------|------------|------------|
| -----  | +-----  | +-----    | +-----     | +-----     |
| A00    | HAAS    | LUCCHESI  | 1965-01-01 | 1958-05-16 |
| A00    | HAAS    | O'CONNELL | 1965-01-01 | 1963-12-05 |