1- write a SQL query to find the first name, last name, department number, and department name for each employee.
Select e.FIRST_NAME, e.LAST_NAME, e.DEPARTMENT_ID, d.DEPARTMENT_NAME from Employees as e
Join Departments as d on e.DEPARTMENT_ID = d.DEPARTMENT_ID

Sample Output:

```
first_name      last_name       department_id   department_name
Steven          King            90              Executive
Neena           Kochhar         90              Executive
Lex             De Haan         90              Executive
Alexander       Hunold          60              IT
.....
```

2- write a SQL query to find the first name, last name, department, city, and state province for each employee.
Select e.FIRST_NAME, e.LAST_NAME, d.DEPARTMENT_NAME, l.CITY, l.STATE_PROVINCE from Employees as e
Join Departments as d on e.DEPARTMENT_ID = d.DEPARTMENT_ID
Join Locations as l on d.LOCATION_ID = l.LOCATION_ID

Sample Output:

```
first_name      last_name       department_name city     state_province
Steven          King            Executive       Seattle          Washington
Neena           Kochhar         Executive       Seattle          Washington
Lex             De Haan         Executive       Seattle          Washington
Alexander       Hunold          IT              Southlake        Texas
.....
```

3- write a SQL query to find the first name, last name, salary, and job grade for all employees.
Select e.FIRST_NAME, e.LAST_NAME, e.SALARY, j.GRADE_LEVEL from Employees as e
Join Job_Grades as j on e.SALARY
between j.LOWEST_SAL and j.HIGHEST_SAL

Sample Output:

```
first_name      last_name       salary  grade_level
Shelli          Baida           2900.00         A
Sigal           Tobias          2800.00         A
Guy             Himuro          2600.00         A
Karen           Colmenares      2500.00         A
.....
```

4- write a SQL query to find all those employees who work in department ID 80 or 40. Return first name, last name, department number and department name.

Select e.FIRST_NAME, e.LAST_NAME, e.DEPARTMENT_ID, d.DEPARTMENT_NAME from Employees as e
Join Departments as d on e.DEPARTMENT_ID=d.DEPARTMENT_ID AND d.DEPARTMENT_ID in (80, 40)

Sample Output:

```
first_name      last_name       department_id   department_name
Ellen           Abel            80              Sales
Sundar          Ande            80              Sales
Amit            Banda           80              Sales
Elizabeth       Bates           80              Sales
.....
```