## Exercise 1.

```
SELECT DISTINCT
    employee_id, first_name, last_name, hire_date, salary
FROM
    HR.EMPLOYEES
ORDER BY
    first_name ASC,
    last_name DESC;
```

## Exercise 2.

```
SELECT DISTINCT
    employee_id, first_name, last_name, hire_date, salary
FROM
    HR.EMPLOYEES
WHERE
    last_name = 'Gates';
```

## Exercise 3.

```
SELECT DISTINCT
    employee_id, first_name, last_name, hire_date, salary
FROM
    HR.EMPLOYEES
WHERE
    EXTRACT(YEAR FROM hire_date) = 2007;
```

## Exercise 4.

```
SELECT DISTINCT
    employee_id, first_name, last_name, hire_date, salary
FROM
    HR.EMPLOYEES
WHERE
    salary >= 9000
ORDER BY
    salary DESC;
```

## Exercise 5.

```
SELECT DISTINCT
    employee_id, first_name, last_name, hire_date, salary
FROM
    HR.EMPLOYEES
WHERE
    salary > 5000 AND salary < 7000;
```

## Exercise 6.

```
SELECT
  first_name, last_name, phone_number
FROM
  HR.EMPLOYEES
WHERE
  phone_number IS NULL;
```

## Exercise 7.

```
SELECT
  *
FROM
  HR.EMPLOYEES
WHERE
  department_id IN (10, 20, 30);
```

## Exercise 8.

```
SELECT
  *
FROM
  HR.EMPLOYEES
WHERE
  LOWER(first_name) LIKE '_h%';
```

## Exercise 9.

```
SELECT
  noc, COUNT(medal) medal_count
FROM
  OLYM.OLYM_MEDALS_VIEW
WHERE
  edition = 2008
GROUP BY
  noc
ORDER BY
  medal_count DESC;
```

## Exercise 10.

```
SELECT
  athlete, COUNT(medal) medal_count
FROM
  OLYM.OLYM_MEDALS_VIEW
GROUP BY
  athlete
ORDER BY
  medal_count DESC;
```

### Exercise 11.

```
SELECT
  noc, COUNT(medal) gold_count
FROM
  OLYM.OLYM_MEDALS_VIEW
WHERE
  medal = 'Gold'
GROUP BY
  noc, edition
HAVING
  edition = 2004
ORDER BY
  gold_count DESC;
```

### Exercise 12.

```
SELECT
  first_name, last_name, job_title
FROM
  HR.EMPLOYEES EMPLOYEES
    INNER JOIN
    HR.JOBS JOBS ON EMPLOYEES.job_id = JOBS.job_id
ORDER BY
  last_name ASC;
```

### Exercise 13.

```
SELECT
  first_name, last_name, job_title, salary
FROM
  HR.EMPLOYEES EMPLOYEES
    INNER JOIN
    HR.JOBS JOBS ON EMPLOYEES.job_id = JOBS.job_id
WHERE
  salary > 10000
ORDER BY
  last_name ASC;
```