Exercise 1 (Fundamentals (SELECT & filtering)

Q1
```sql
SELECT *
FROM employees;
```

Q2
```sql
SELECT DISTINCT department
FROM employees;
```

Q3
```sql
SELECT first_name, last_name, salary
FROM employees
ORDER BY salary DESC;
```

Q4
```sql
SELECT *
FROM employees
ORDER BY salary DESC
LIMIT 5;
```

Q5
```sql
SELECT *
FROM employees
WHERE department = 'IT';
```

Q6
```sql
SELECT *
FROM employees
WHERE department = 'Finance' AND salary > 58000;
```

Q7

```sql
SELECT *
FROM employees
WHERE department = 'HR' OR department = 'Marketing';
```

Q8

```sql
SELECT *
FROM employees
WHERE department != 'IT';
```

Q9

```sql
SELECT *
FROM employees
WHERE deparament IN ('HR', 'IT', 'Finance');
```

Q10

```sql
SELECT *
FROM employees
WHERE department = 'IT' AND Salary > 50000 AND City = 'New York';
```

Q11

```sql
SELECT first_name, last_name, Salary
FROM employees
WHERE department IN ('Finance', 'Marketing') AND Salary > 52000
ORDER BY Salary DESC;
```

Q12

```sql
SELECT DISTINCT City
FROM employees
WHERE department NOT IN ('IT', 'HR');
```

Q13

```sql
SELECT *
FROM employees
WHERE department != 'finance' AND salary > 50000
ORDER BY hire_date ASC;
```

Q14

```sql
SELECT *
FROM employees
WHERE city IN ('chicago', 'Los Angeles') AND department IN ('IT', 'marketing')
LIMIT 3;
```

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