

# Exercise SQL.07 – SQL Queries

2020-03-31

## Instructions

For each of the following tasks provide the following to document your progress:

1. The statement you wrote to fulfill the requirements and the result of your query
2. Or the 'question' you think was the basis for the given statement

## 1 Tennis Club Queries

1. Select the names of all players who played for both teams 1 and 2.
2. Select Name and Initials of those players who did not receive a penalty in the year 1980.
3. Select the players who received at least one penalty higher than 80.
4. Select the players who have only penalties with an amount higher than 80.

## 2 Employee/Department Queries

1. Select all employees with a higher salary than the average salary of their department.
2. Select all departments with at least one employee.
3. Select all departments with at least one employee who earns more than 1000.
4. Select all departments where all employees earn more at least 1000.

## 3 Ninja Queries

For the following queries try to determine the 'question' which they have been written to answer:

1. Query:

```
select n.code_name, count(m.mission_id) "missions" from ninja n
left outer join mission m on (n.code_name = m.code_name)
group by n.code_name;
```

2. Query:

```
select n.special_attack from ninja n
inner join weapon w on (n.code_name = w.code_name)
where w.dps > 12
order by n.strength desc;
```