

# Solutions HW3

**Find the first and last name of the employee with number 100001**

```
SELECT
    first_name, last_name
FROM
    employees
WHERE
    emp_no = 100001;
```

Ian Iglesias

**Find the first and last names of current employees (with last\_date after NOW())**

```
SELECT
    first_name, last_name
FROM
    employees
WHERE
    last_day > NOW();
```

**Find the number of current employees.**

```
SELECT
    COUNT(emp_no)
FROM
    employees
WHERE
    last_day > NOW();
```

351

**Find the names of original employees (with hire day 2001-9-3). You make a date with the date() function used on a string with format yyyy-mm-dd.**

```
SELECT
    first_name, last_name
FROM
    employees
WHERE
    hire_day = DATE('1990-9-3');
```

	first_name	last_name
	Ian	Iglesias
	Valentino	González
	Regina	Molina
	Malena	Suárez
	Clara	James
	Sandra	Gray
	Carlos	Molina
▶	Harald	Haas
	Roger	Myers
	Ingrid	Koch
	Randy	Rogers
	Martin	Wood

**Find the number of employees on June 1, 2001.**

```
SELECT
    COUNT(emp_no)
FROM
    employees
WHERE
    last_day > '2001-6-1' AND hire_day < '2001-6-1';
```

336

**Find the number of former and current employees with Uruguayan citizenship.**

```
SELECT
    COUNT(employees.emp_no)
FROM
    employees
WHERE
    citizenship = "Uruguay";
```

254

**Find the number of current employees with Uruguayan citizenship.**

```
SELECT
    COUNT(employees.emp_no)
FROM
    employees
WHERE
    citizenship = "Uruguay" AND last_day > NOW();
```

32

**Find all citizenships of employees (Hint: Use SELECT DISTINCT)**

```
SELECT DISTINCT
    citizenship
FROM
    employees;
```

```
'Uruguay'
'USA'
'Argentina'
'India'
'Mexico'
'Germany'
```

### Find the highest salary of a citizen of India

```
SELECT
    MAX(salary)
FROM
    salaries,
    employees
WHERE
    employees.emp_no = salaries.emp_no
    AND employees.citizenship = 'India';
```

165200

### Find the details of the person with the highest salary that is a citizen of Uruguay

```
SELECT
    *
FROM
    employees, salaries
WHERE
    employees.emp_no = salaries.emp_no AND salaries.salary = (
        SELECT
            MAX(salary)
        FROM
            salaries, employees
        WHERE
            employees.emp_no = salaries.emp_no
            AND employees.citizenship = "Uruguay");
```

102774, 1983-08-18, Elena, Navarro, F, Uruguay, 2019-01-29, 9999-12-31, 102774,  
2022-03-07, 9999-12-31, 5, 164100