

1. I want to know how many employees with each title were born after 1965-01-01.

```
SELECT t.title, count(e.birth_date) FROM employees e  
INNER JOIN titles t ON t.emp_no = e.emp_no  
WHERE birth_date > '1965-1-1'  
GROUP BY title;
```

2. I want to know the average salary per title.

```
SELECT t.title as "Title", avg(s.salary) as "Average Salary" from salaries s  
INNER JOIN titles t ON s.emp_no = t.emp_no  
GROUP BY title;
```



3. How much money was spent on salary for the marketing department between the years 1990 and 1992?

```
SELECT ds.dept_name AS 'Department Name', FORMAT (sum(s.salary),2) AS "Total  
Spent" FROM dept_emp AS d  
INNER JOIN salaries AS s ON d.emp_no = s.emp_no AND s.from_date >= '1990-01-01'  
AND s.from_date <= '1992-01-01'  
INNER JOIN departments AS ds ON ds.dept_no = d.dept_no  
WHERE ds.dept_name = 'Marketing'  
GROUP BY ds.dept_name;
```

Screenshots of Queries:

```
Week2 test* SQL File 3* SQL File 5*
Limit to 1000 rows
1 SELECT t.title AS "TITLE", count(e.birth_date) AS "Number born after 1965-1-1" FROM employees e
2 INNER JOIN titles t ON t.emp_no = e.emp_no
3 WHERE birth_date > '1965-1-1'
4 GROUP BY title;
5 SELECT t.title as "Title", avg(s.salary) as "Average Salary" from salaries s
6 INNER JOIN titles t ON s.emp_no = t.emp_no
7 GROUP BY title;
8 SELECT ds.dept_name AS 'Department Name', FORMAT (sum(s.salary),2) AS "Total Spent" FROM dept_emp AS d
9 INNER JOIN salaries AS s ON d.emp_no = s.emp_no AND s.from_date >= '1990-01-01' AND s.from_date <= '1992-01-01'
10 INNER JOIN departments AS ds ON ds.dept_no = d.dept_no
11 WHERE ds.dept_name = 'Marketing'
12 GROUP BY ds.dept_name;
```



Screenshots of Query Results (only include the last 20 rows):

Result Grid   Filter Rows: <input type="text" value="Search"/>			
	TITLE	Number born after 1965-1-1	
▶	Senior Staff	612	
▶	Staff	703	
▶	Technique Leader	95	
▶	Senior Engineer	589	
▶	Engineer	657	
▶	Assistant Engineer	97	
▶			
▶			
▶			
▶			



	Department Na...	Total Spent	
▶	Marketing	1,091,184,863.00	

Result 5	Result 6	Result 7	
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Result Grid   Filter Rows:

	Title	Average Salary	
▶	Assistant Engineer	59304.9863	
	Engineer	59508.1707	
	Senior Engineer	60543.2675	
	Staff	69308.4651	
	Senior Staff	70470.2941	
	Technique Leader	59294.3742	
	Manager	66924.2706	

Result 5  Result 6  Result 7

URL to GitHub Repository:

<https://github.com/edsupler/mySQLhomework>