

1. Write a SQL query to find those employees who get higher salary than the employee whose ID is 163. Return first name, last name.

```
SELECT  
first_name,  
last_name  
FROM employees  
WHERE salary > (select salary from employees where employee_id=163)
```

2. Display the name, salary, department id, job id for those employees who works in the same designation as the employee works whose id is 169.

```
SELECT  
first_name,  
salary,  
department_id,  
job_id  
FROM employees  
WHERE job_id = (SELECT job_id FROM employees WHERE employee_id=169)
```

3. Display the name, salary, department id for those employees who earn such amount of salary which is the smallest salary of any of the departments.

```
SELECT  
first_name,  
last_name,  
salary,  
department_id  
FROM employees  
WHERE salary  
IN (SELECT MIN(salary) FROM employees GROUP BY department_id)
```

4. Display the employee id, employee name for all employees who earn more than the average salary.

```
SELECT  
employee_id,  
first_name,  
last_name  
FROM employees  
WHERE salary > (SELECT AVG(salary) FROM employees)
```

5. Display the employee name, employee id and salary of all employees who report to John.

```
SELECT  
first_name,  
last_name,  
employee_id,  
salary  
FROM employees  
WHERE manager_id = (  
SELECT employee_id  
FROM employees  
WHERE first_name LIKE 'John'  
)
```

6. SQL query to find all those employees who work in the HR department. Return department ID, name (first name), job ID and department name.

```
SELECT  
a.department_id,  
a.first_name,  
b.department_name  
FROM employees a  
JOIN departments b  
ON a.department_id = b.department_id  
WHERE a.department_id = 40
```

7. Write a SQL query to find those employees whose ID matches any of the number 134, 159 and 183. Return all the fields.

```
SELECT *  
FROM employees  
WHERE employee_id IN (134, 159, 183)
```