Given “**Employee**” table below, please write the following ***SQL statements*** :

**Employee**

|  |  |  |  |
| --- | --- | --- | --- |
| id | name | salary | manager\_id |
| 1 | John | 300 | 3 |
| 2 | Mike | 200 | 3 |
| 3 | Sally | 550 | 4 |
| 4 | Jane | 500 | 7 |
| 5 | Joe | 600 | 7 |
| 6 | Dan | 600 | 3 |
| 7 | Phil | 550 | NULL |
| … | … | … | … |

1. Give the names of employees, whose salaries are greater than their immediate managers’:

select

FROM Employee emp

JOIN Employee mgr

ON emp.manager\_id = mgr.id

Where emp.salary > mgr.salary

1. What is the average salary of employees without direct reports:

select Avg(salary) from Employees emp1

where NOT EXISTS( select \* from Employees emp2 where emp2.manager\_id = emp1.id)