# Junior Dev SQL Question

Based on the following table representation.

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| Column Name | Type |

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| id | int |

| name | varchar |

| salary | int |

| managerId | int |

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Write a solution to find the employees who earn **more** than their managers.

Return the result table in **any order**.

The following is an example of the table and its content:

**Example 1:**

**Input:**

Employee table:

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| id | name | salary | managerId |

+----+-------+--------+-----------+

| 1 | Joe | 70000 | 3 |

| 2 | Henry | 80000 | 4 |

| 3 | Sam | 60000 | Null |

| 4 | Max | 90000 | Null |

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In this case the correct output would be:

**Output:**

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| Employee |

+----------+

| Joe |

+----------+

**Explanation:** Joe is the only employee who earns more than his manager.

## Table Schema and data script:

if not exists (select \* from sysobjects where name='Employee' and xtype='U')

Create table Employee (id int, name varchar(255), salary int, managerId int)

Truncate table Employee

insert into Employee (id, name, salary, managerId) values ('1', 'Joe', '70000', '3')

insert into Employee (id, name, salary, managerId) values ('2', 'Henry', '80000', '4')

insert into Employee (id, name, salary, managerId) values ('3', 'Sam', '60000', NULL)

insert into Employee (id, name, salary, managerId) values ('4', 'Max', '90000', NULL)

The above script creates the table “Employee” as shown above.

**Write your SQL to query the Employee table and find the employee(s) who earn more than their manager(s).**

Answer:

SELECT employees.Name AS Employee

FROM Employee managers

INNER JOIN Employee employees

ON managers.id = employees.managerId

WHERE managers.salary < employees.salary