You are given two tables: Employees and Departments. The Employees table contains information about employees, including their EmployeeID, Name, DepartmentID, and Salary. The Departments table contains information about departments, including their DepartmentID and Name.

Write a SQL query to find the average salary of employees in each department, along with the department name and the number of employees in each department. However, only include departments where the average salary is higher than the overall average salary across all departments.

Input:-

Employees table

EmployeeID	Name	DepartmentID	Salary
1	John Doe	1	60000.00
2	Jane Smith	1	70000.00
3	Alice Johnson	1	65000.00
4	Bob Brown	1	75000.00
5	Charlie Wilson	1	80000.00
6	Eva Lee	2	70000.00
7	Michael Clark	2	75000.00
8	Sarah Davis	2	80000.00
9	Ryan Harris	2	85000.00
10	Emily White	2	90000.00
11	David Martinez	3	95000.00
12	Jessica Taylor	3	100000.00
13	William Rodriguez	3	105000.00

department table:-

DepartmentID	Name

1   Marketing

2   Research

3   Development

OUTPUT:-

DepartmentName	AverageSalary	NumberOfEmployees
Development	100000.000000	3