Case Study

Objective:

Generate an output table using UiPath to identify employees from different departments who have the

same highest salary.

The goal is to list employees alongside their departments and salaries in the output table

Input Data:

Name	Salary	Department ID
Joe	70000	1
Jim	90000	1
Henry	80000	2
Sam	60000	2
Max	90000	1

Sheet: Department

ID	Name
1	IT
2	Sales

Expected Output:

Department	Employee	Salary
IT	Jim	90000
IT	Max	90000
Sales	Henry	80000

================================>

create database CaseStudy;

use casestudy;

create table Employee(Name varchar(50), Salary float, Department_ID int);

insert into employee
values('Joe',70000,1),('Jim',90000,1),('Henry',80000,2),('Sam',60000,2),('Max',90000,1);

```
select * from employee;

+-------+--------+---------------+
| Name  | Salary | Department_ID |
+-------+--------+---------------+
| Joe   | 70000  |             1 |
| Jim   | 90000  |             1 |
| Henry | 80000  |             2 |
| Sam   | 60000  |             2 |
| Max   | 90000  |             1 |
+-------+--------+---------------+


create table Department(ID int, Name varchar(50));

insert into Department values(1,'IT'),(2,'Sales');

select * from department;

+------+-----------+
| ID   | Dept_Name |
+------+-----------+
|    1 | IT        |
|    2 | Sales     |
+------+-----------+

select d.name as Department, e.name as Employee, e.salary from Employee e inner join
Department d on (e.Department_id = d.id) where e.salary=(select max(salary) from
Employee e2 where e2.Department_id = e.Department_id) order by department_id;

+------------+----------+--------+
| Department | Employee | salary |
+------------+----------+--------+
| IT         | Jim      | 90000  |
| IT         | Max      | 90000  |
| Sales      | Henry    | 80000  |
+------------+----------+--------+
```