

ASSIGNMENT 6: ASSIGNMENT ON JOIN

Create Employees, Departments, and Locations table from hr:

QUERY:

```
1 CREATE TABLE Emp AS SELECT * FROM hr.employees;  
2 CREATE TABLE Dept AS SELECT * FROM hr.departments;  
3 CREATE TABLE Loc AS SELECT * FROM hr.locations;
```

Table created.

Table created.

Table created.

1. Display the employees-id, employee name, dept-id & department name for all the employees

QUERY:

```
1 v SELECT e.employee_id, e.first_name || ' ' || e.last_name AS employee_name,  
2     e.department_id, d.department_name  
3 FROM emp e  
4 JOIN dept d ON e.department_id = d.department_id;
```

203	Susan Mavris	40	Human Resources
204	Hermann Baer	70	Public Relations
205	Shelley Higgins	110	Accounting
206	William Gietz	110	Accounting

Download CSV

106 rows selected.

2. Display the employee smith department number & department name.

QUERY:

```
1 v SELECT e.first_name, e.last_name, e.department_id, d.department_name
2 FROM emp e
3 JOIN dept d ON e.department_id = d.department_id
4 WHERE e.last_name = 'Smith';
5
```

FIRST_NAME	LAST_NAME	DEPARTMENT_ID	DEPARTMENT_NAME
Lindsey	Smith	80	Sales
William	Smith	80	Sales

[Download CSV](#)

2 rows selected.

3. Display the employee last name, department name & city for each employee whose salary is greater than 2000.

QUERY:

```
1 v SELECT e.last_name, d.department_name, l.city
2 FROM emp e
3 JOIN dept d ON e.department_id = d.department_id
4 JOIN loc l ON d.location_id = l.location_id
5 WHERE e.salary > 2000;
```

Mavris	Human Resources	London
Baer	Public Relations	Munich
Higgins	Accounting	Seattle
Gietz	Accounting	Seattle

[Download CSV](#)

106 rows selected.

4. Display the employee last name & department name for all employees who have 'a' in their last name.

```
1 v SELECT e.last_name, d.department_name
2   FROM emp e
3  JOIN dept d ON e.department_id = d.department_id
4  WHERE e.last_name LIKE '%a%';
```

De Haan	Executive
Faviet	Finance
Sciarra	Finance
Urman	Finance

[Download CSV](#)

51 rows selected.

5. Display the employee last name & employee number along with their manager last name & manager number. The output should be in the following sequence (employee-lastname, emp-id, manager-lastname, manager-id).

```
1 v SELECT e.last_name AS employee_lastname,  
2     e.employee_id AS emp_id,  
3     m.last_name AS manager_lastname,  
4     e.manager_id AS manager_id  
5 FROM emp e  
6 JOIN emp m ON e.manager_id = m.employee_id;
```

Grant	178	Zlotkey	149
Johnson	179	Zlotkey	149
Fay	202	Hartstein	201
Gietz	206	Higgins	205

[Download CSV](#)

106 rows selected.