

**KIET GROUP OF INSTITUTIONS**  
**DEPARTMENT OF COMPUTER APPLICATIONS**

**LAB ASSIGNMENT 10**

**DBMS Lab (KCA – 252)**

**Assignments on Sub Query**

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**ROLL\_NUMBER - 36**

1. Create the following table and insert some records.

Table Name: Employee

Field	Datatype
EmpId	Number
Name	Varchar2
DOJ	Date
JobId	Number
Salary	Number

EmpId	Name	DOJ	JobId	Salary
100	Aman Jian	17-June-2017	AD_PRES	24000.00
101	Yash Kumar	15-July-2019	AD_VP	17000.00
102	Ayushi	12-Aug-2017	IT_PROG	9000.00
103	Kamal	15-Sept-2016	IT_PROG	6000.00
105	Madhav Mohan	14-July-2018	IT_PROG	4000.00
106	Astha Sharma	27-June-2017	PU_CLERK	2500.00

```
CREATE TABLE Employee (
```

```
    EmpId NUMBER,
```

```
    Name VARCHAR2(50),
```

```
    DOJ DATE,
```

```
    JobId VARCHAR2(10),
```

```
    Salary NUMBER
```

```
);
```

```
INSERT INTO Employee (EmpId, Name, DOJ, JobId, Salary) VALUES (100,  
'Aman Jain', TO_DATE('17-June-2017', 'DD-Mon-YYYY'), 'AD_PRES', 24000.00);
```

```
INSERT INTO Employee (EmpId, Name, DOJ, JobId, Salary) VALUES (101, 'Yash  
Kumar', TO_DATE('15-July-2019', 'DD-Mon-YYYY'), 'AD_VP', 17000.00);
```

```
INSERT INTO Employee (EmpId, Name, DOJ, JobId, Salary) VALUES (102, 'Ayushi', TO_DATE('12-Aug-2017', 'DD-Mon-YYYY'), 'IT_PROG', 9000.00);
```

```
INSERT INTO Employee (EmpId, Name, DOJ, JobId, Salary) VALUES (103, 'Kamal', TO_DATE('15-Sept-2016', 'DD-Mon-YYYY'), 'IT_PROG', 6000.00);
```

```
INSERT INTO Employee (EmpId, Name, DOJ, JobId, Salary) VALUES (105, 'Madhav Mohan', TO_DATE('14-July-2018', 'DD-Mon-YYYY'), 'IT_PROG', 4000.00);
```

```
INSERT INTO Employee (EmpId, Name, DOJ, JobId, Salary) VALUES (106, 'Asha Sharma', TO_DATE('27-June-2017', 'DD-Mon-YYYY'), 'PU_CLERK', 2500.00);
```

Write the following queries over the said table

- 1.1 Write a query to display the name for those employees who gets more salary than the employee whose id is 104.

```
SELECT Name
```

```
FROM Employee
```

```
WHERE Salary > (SELECT Salary FROM Employee WHERE EmpId = 104);
```

- 1.2 Write a query to display the name,salary,department id, job id for those employees who works in the same designation as the employee works whose id is 103.

```
SELECT Name, Salary, JobId
```

```
FROM Employee
```

```
WHERE JobId = (SELECT JobId FROM Employee WHERE EmpId = 103);
```

- 1.3 Write a query to display the name,salary,department id for those employees who earn such amount of salary which is the smallest salary of any of the departments.

```
SELECT Name, Salary, JobId
```

```
FROM Employee
```

```
WHERE Salary = (SELECT MIN(Salary) FROM Employee);
```

- 1.4 Write a query to display the employee details who are having the same date of birth as of employee having id 106.

```
SELECT *
```

```
FROM Employee
```

```
WHERE DOJ = (SELECT DOJ FROM Employee WHERE EmpId = 106);
```

1.5 Write a query to display the employee details who are having the date of birth after the date of birth of employee having ID 102

```
SELECT *
```

```
FROM Employee
```

```
WHERE DOJ > (SELECT DOJ FROM Employee WHERE EmpId = 102);
```