**KIET GROUP OF INSTITUTIONS**

**DEPARTMENT OF COMPUTER APPLICATIONS**

**LAB ASSIGNMENT 10**

**DBMS Lab (KCA – 252)**

**Assignments on Sub Query**

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 |

Write the following queries over the said table

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

SELECT \* from Employee3 where Salary > (select Salary from Employee3 WHERE EmpId=105);

* 1. 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,EmpId,JobId from Employee3 where JobId=(SELECT JobId from Employee3 WHERE EmpId=103);

* 1. Write a query to display the name,salary,Job 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 Employee3 where Salary=(SELECT MIN(Salary) from Employee3);

* 1. Write a query to display the employee details who are having the same date of joining as of employee having id 106.

SELECT \* from Employee3 where DOJ=(select DOJ from Employee3 WHERE EmpId=106);

* 1. 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 Employee3 where DOJ>(SELECT DOJ from Employee3 where EmpId=102);