**Apache Hive Assignment: 4**

1. Consider the customers table
2. +----+----------+-----+-----------+----------+
3. | ID | NAME | AGE | ADDRESS | SALARY |
4. +----+----------+-----+-----------+----------+
5. | 1 | Ramesh | 32 | Ahmedabad | 2000.00 |
6. | 2 | Khilan | 25 | Delhi | 1500.00 |
7. | 3 | kaushik | 23 | Kota | 2000.00 |
8. | 4 | Chaitali | 25 | Mumbai | 6500.00 |
9. | 5 | Hardik | 27 | Bhopal | 8500.00 |

| 6 | Komal | 22 | MP | 4500.00 |

1. | 7 | Muffy | 24 | Indore | 10000.00 |
2. +----+----------+-----+-----------+----------+

Consider the orders table

+-----+---------------------+-------------+--------+

|OID | DATE | CUSTOMER\_ID | AMOUNT |

+-----+---------------------+-------------+--------+

| 102 | 2009-10-08 00:00:00 | 3 | 3000 |

| 100 | 2009-10-08 00:00:00 | 3 | 1500 |

| 101 | 2009-11-20 00:00:00 | 2 | 1560 |

| 103 | 2008-05-20 00:00:00 | 4 | 2060 |

1.Write a HQL query to find at least one column in both tables.

2. Write a HQL query to perform left outer join.

3. Write a HQL query to perform right outer join.

4. Write a HQL query to perform full outer join.

5. Consider the employee table

1,Ram,34,63000,HR

2,Sriram,32,75000,IT

3,Jana,28,45000,HCLS

4,Diya,22,23000,BNFS

5,sudhir,32,10000,INS

6,raju,24,30000,MF

7,sanjay,22,14000,SE

8,ajay,34,50000,SE

9,soman,21,50000,IT

10,suresh,31,60000,ES

11,john,32,30000,IT

Write a HQL query to create view named as”emp\_view” where the employee salary is greater than 60000.

6. Write a HQL query to retrieve the view named as “emp\_view”.

7. Write a HQL query to drop the view named as “emp\_view”.

8. Write a HQL query to filter the rows based on the department is equal to “IT”.

9. Write a HQL query to find the maximum salary of an employee in each department.

10. Write a HQL query to find the minimum salary of an employee in each department.

**Apache Hive Assignment: 5**

1. Write a HQL query to find the average salary of an employee in each department.

12. Write a HQL query to find the sum salary of an employee in each department.

13. Write a HQL query to find the count number of employees in each department.

14. Write a HQL query to sort the employee salary in the employee table.

15. Write a HQL query to order the employee salary in the employee table.

16. Write a HQL query to distribute the employee id and sort with employee salary in the employee table.

17. Write a HQL query to cluster the employee id the employee table.

18. Write a HQL query to retrieve the employee managed table in the user terminal not in the hive terminal.

19. Write a HQL query to print the column headers in the hive terminal.

20. Write a HQL query to rename the employee table to customer table in the hive.