Assignment 16.1

Employee table created

Create table employee_table (emp_name int, skill string,dep int,sal int, location string) row format delimited fields terminated by ',';

Load inpath '/home/acadgild/Downloads/emp_details.txt' overwrite into table employee_table;
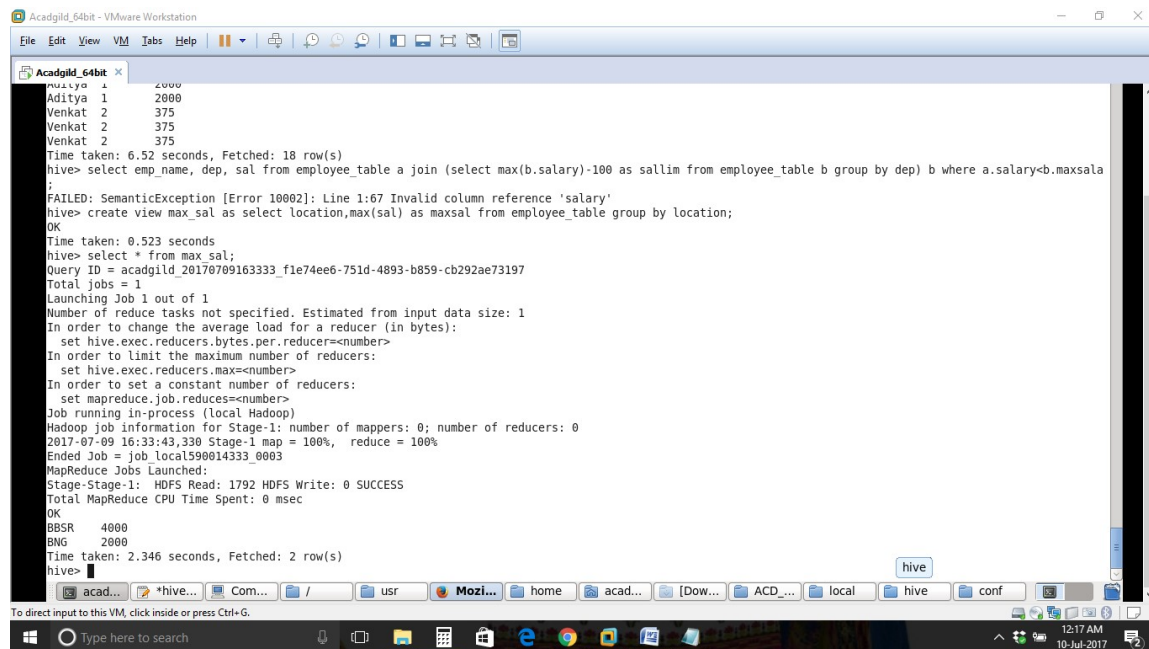

Select * from employee_table;

Problem Statement 1:

Get a list of employees who receive a salary less than 100, compared to their immediate employee with higher salary in the same unit

View created with max salary in each location

Create view max_sal as select location, max(sal) as maxsal from employee_table group by location;

Select * from max_sal;

Query to get details of employees who have salary difference is more than 100 than maximum salary in same location or unit

Select a.empname,a.sal,b.maxsal from employee_table a, max_sal b where a.location = b.location and a.sal+100<b.maxsal;
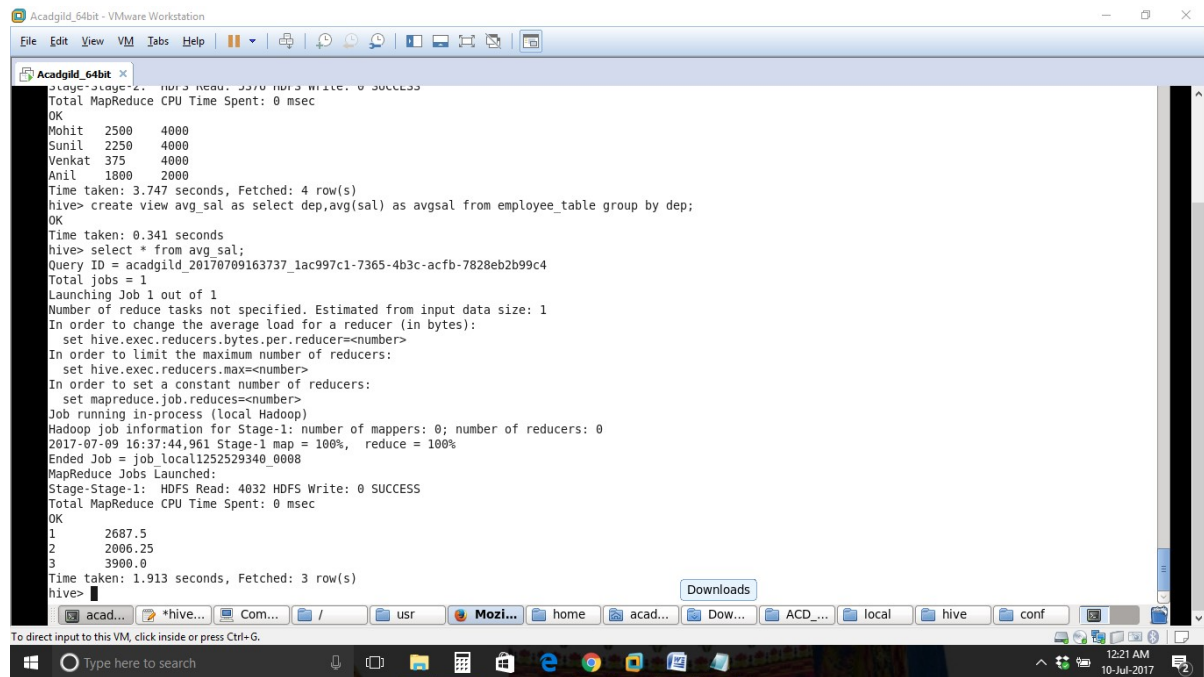
Problem Statement 2:

List of all employees who draw higher salary than the average salary of that department

View created for average salary details

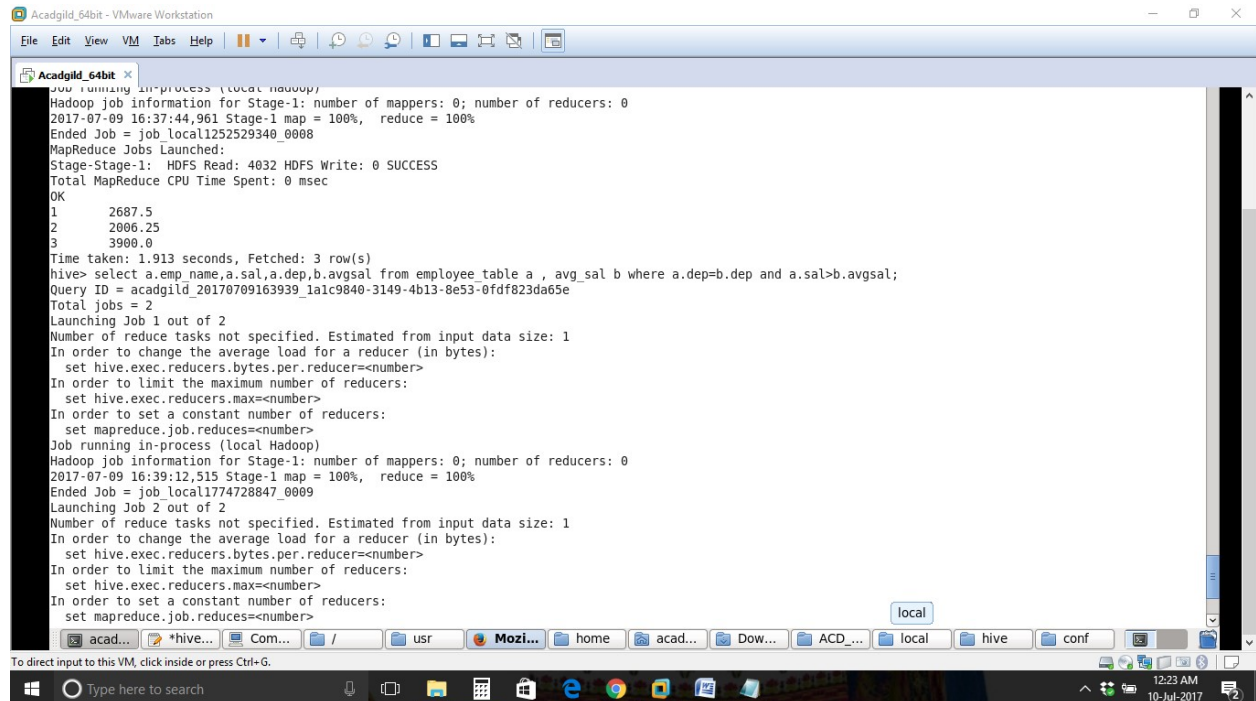Create view avg_sal as select dep,avg(sal) as avgsal from employee_table group by dep;
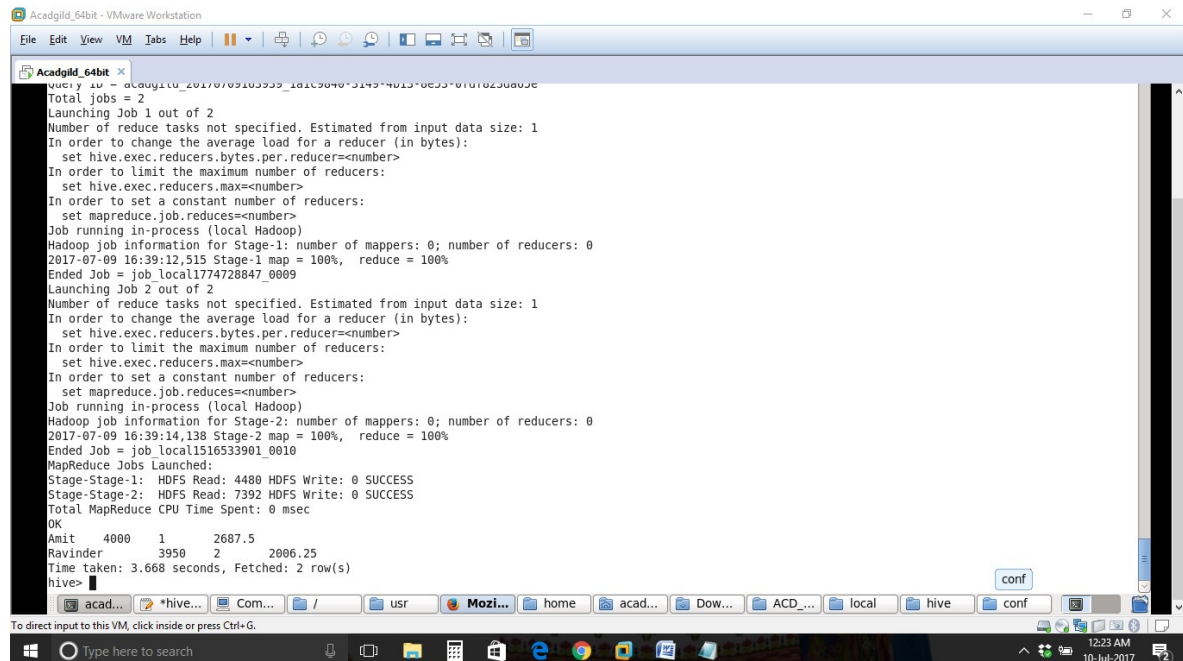
Select * from avg_sal;

Query to list employee whose salary is more than average salary in each department

Select a.emp_name,a.sal,a.dep,b.avgsal from employee_table a, avg_sal b where a.dep=b.dep and a.sal>b.avgsal;