

**LAB REPORT**

**Course Name : Database System Sessional**

**Course Code : CSE-2408**

**Lab No : 1, 2 & 3**

**Submitted To:**

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Associate Professor

Computer Science and Engineering

**Submitted By:**

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**Metric ID :** C161069

**Semester** : 4th

**Section :** 4AM

**Department** : Computer Science and Engineering

**Date of Allotment :**

**Date of Submission : 12.08.2018**

**Remarks**

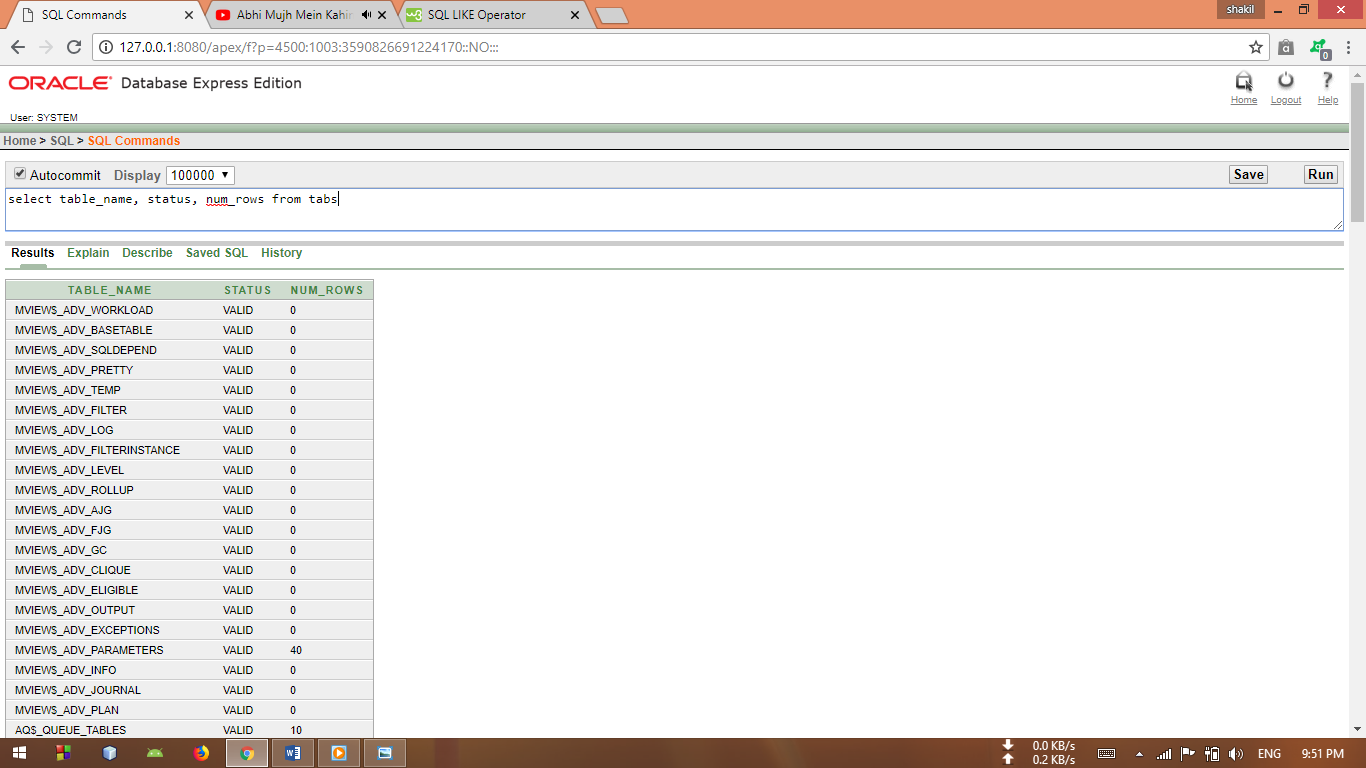


**Lab 01:**

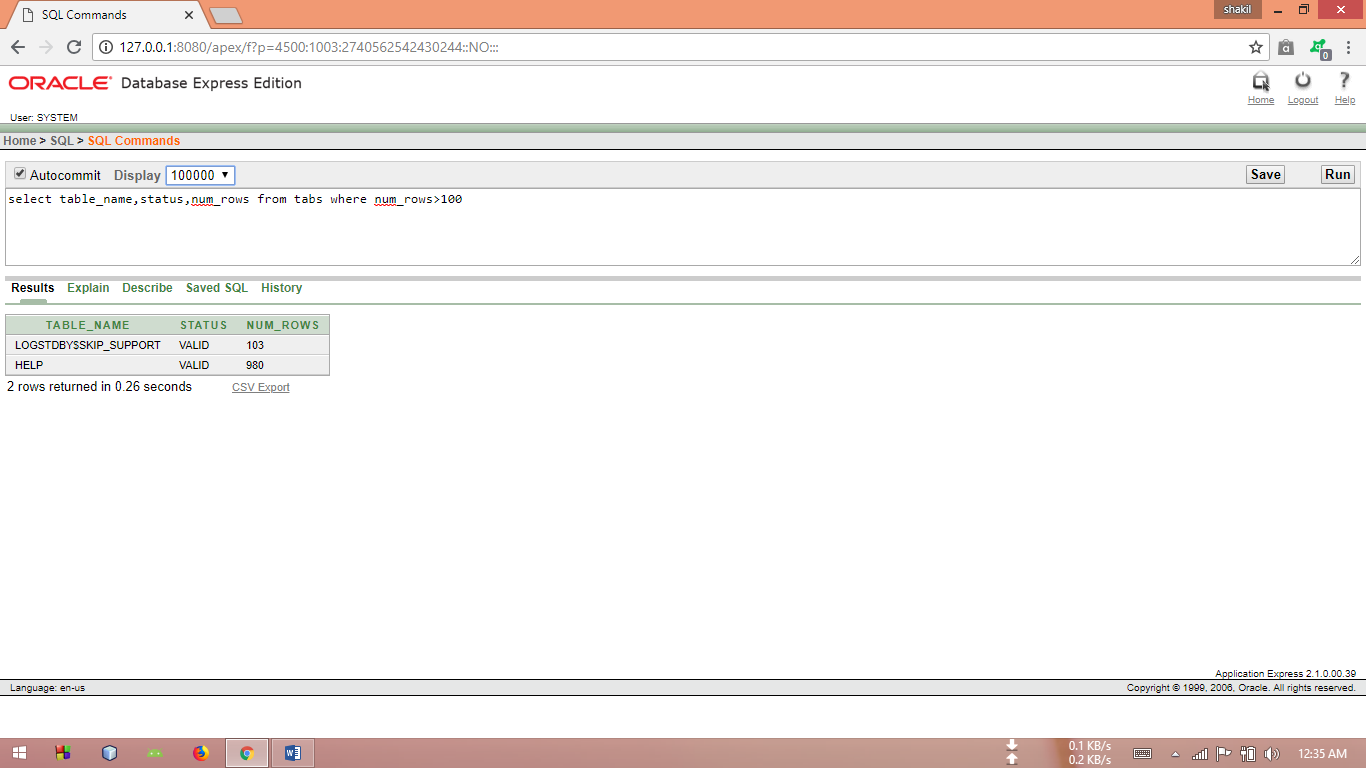
**Objectives:** At 1st lab we learn how to select one or more specific column from one specific table. Here we also learn that how to select some specific column within given range

**Task1:** Select \* from tabs

**Task2:** select table\_name,status,num\_rows from tabs



**Task 3:** select table\_name,status,num\_rows from tabs where num\_rows>100

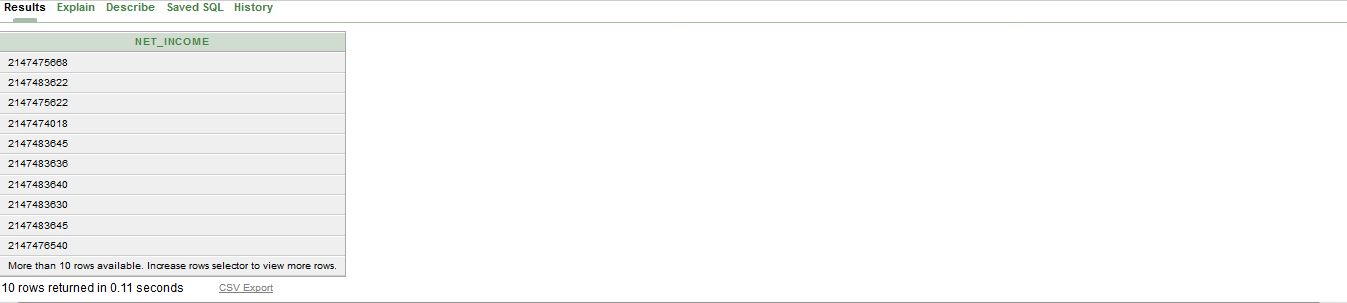


**Task 4:** select table\_name,status,num\_rows+10 from tabs where num\_rows>100

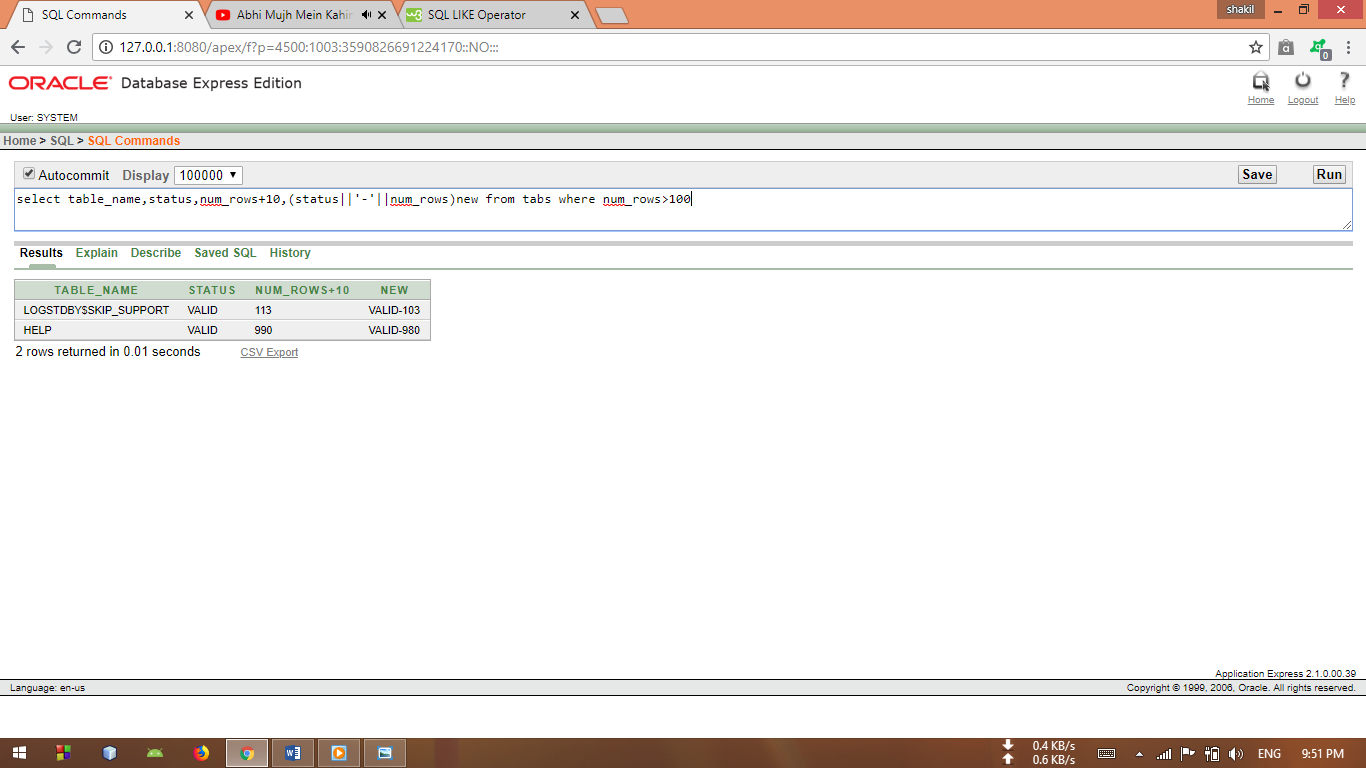
**Task 5:** select table\_name, status, num\_rows + 10 from tabs where num\_rows>999

**Task 6:** select (MAX\_EXTENTS-(NUM\_ROWS+BLOCKS+SAMPLE\_SIZE))net\_income

from tabs

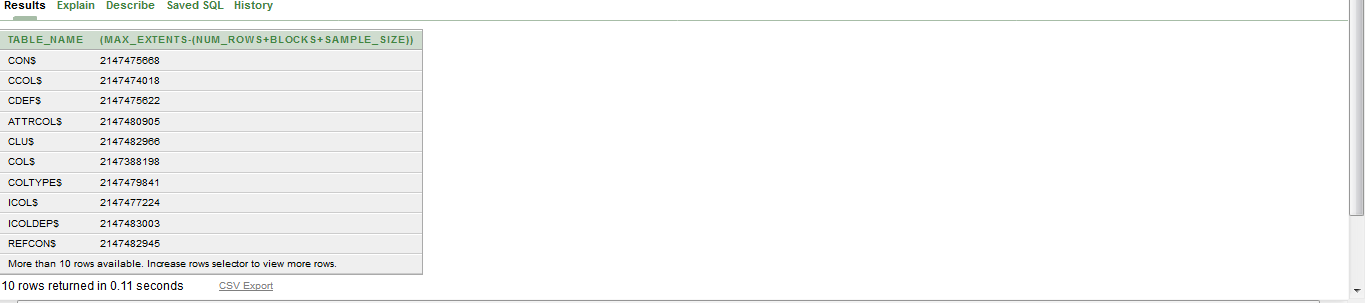


**Task 7:** select table\_name,status,num\_rows+10,(status||'-'||num\_rows)new from tabs where num\_rows>100



**Task 8:** select table\_name,(MAX\_EXTENTS-(NUM\_ROWS+BLOCKS+SAMPLE\_SIZE))

from tabs where table\_name like '%C%'



**Lab 02:**

**Objectives:** At 2nd lab we learnt a new thing that is how can I create an own table. Inserting data into new table. Selecting column within range from new table.

**Task 1:** create table students

(students\_no varchar(8),name varchar(25),dept varchar(4),CGPA numeric(4,2));

**Task 2:** describe students

**Task 3:** insert into students values('C163001','Javed Bin Mahbub','CSE','9.75');

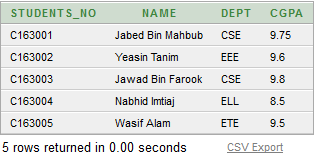
insert into students values('C163002','Yeasin Tanim','EEE','9.60');

insert into students values('C163003','Jawad Bin Farook','CSE','9.80');

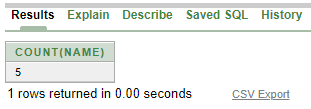
insert into students values('C163004','Nabhid Imtiaj','ELL','8.50');

insert into students values('C163005','Wasif Alam','ETE','9.50');

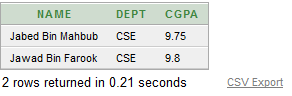
**Task 4:**  select \* from students



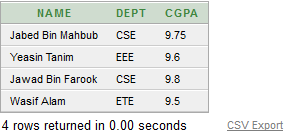
**Task 5:**  select count(name) from students



**Task 6:**  select name,dept,CGPA from students Where dept = 'CSE'



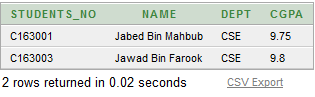
**Task 7:**  select name,dept,CGPA from students Where dept like '%E'



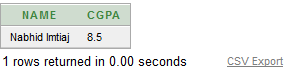
**Task 8:**  select \* from students order by students\_no

**Task 9:**  select \* from students order by CGPA desc

**Task 10:**  select \* from students where dept ='CSE' and cgpa>9.5



**Task 11:**  select name,cgpa from students Where cgpa between 8.5 and 9.0



**Lab 03:**

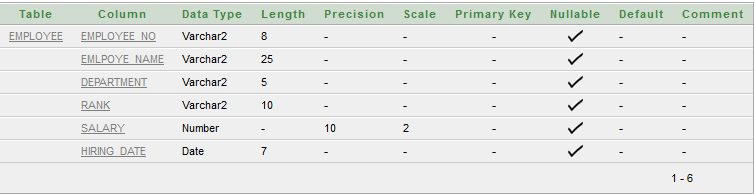
**Objectives:** At 3rd lab we learnt a new thing that is how can I create an employee table. Inserting data into new table. Selecting column within range from new table.

**Task 1**: Create table Employee

**Task 2:** (Employee\_No varchar(8),Emlpoye\_Name varchar(25),Department varchar(5),

Rank varchar(10),Salary numeric(10,2),Hiring\_Date Date);

**Task 3:**  describe employee



**Task 4:** Insert into Employee values('C163001','Javed Bin Mahbub','CSE','Lecturer',25000,'20-Jul-2014');

Insert into Employee values('C163002','Yeasin Tanim','EEE','A.Lecturer',20000,'20-Mar-2017');

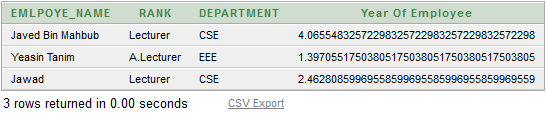
Insert into Employee values('C163003','Jawad,'CSE','A.Professor',20000,'25-Feb-2016');

**Task 5:** select \* from Employee



**Task 6:**  select EMLPOYE\_NAME,Rank,Department,(sysdate-Hiring\_Date)/7 "Week of Employee" from employee;

select EMLPOYE\_NAME,Rank,Department,(sysdate-Hiring\_Date)/365 "Year of Employee" from employee;



**Task 7:**  select \* from Employee where hiring\_date>'18-Mar-2016'

