**ASSIGNMENT**

**ON**

**LAB TASK 2**

**SUBMITTED BY: KASHAN HUMAYUN**

**SUBMITTED TO: QAZI SHUJAH UL DIN**

**SAP ID : 24773**

**SUBJECT : DATABASE LAB**

**FACULTY OF COMPUTER SCIENCES**

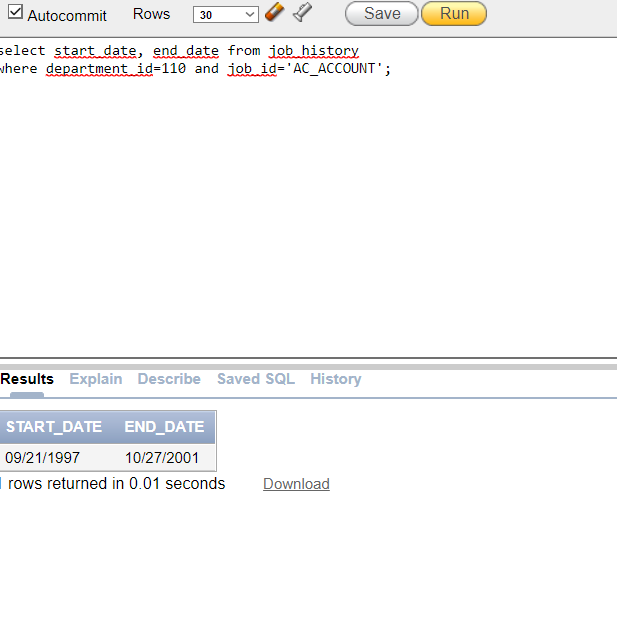
**RIPHAH INTERNATION UNIVERSITY**

**Lab task :**

* **Write a query to show job start date and job end date of those employees whose department id is 110 and job title is ‘AC\_ACCOUNT’**

select start date, end date from employees

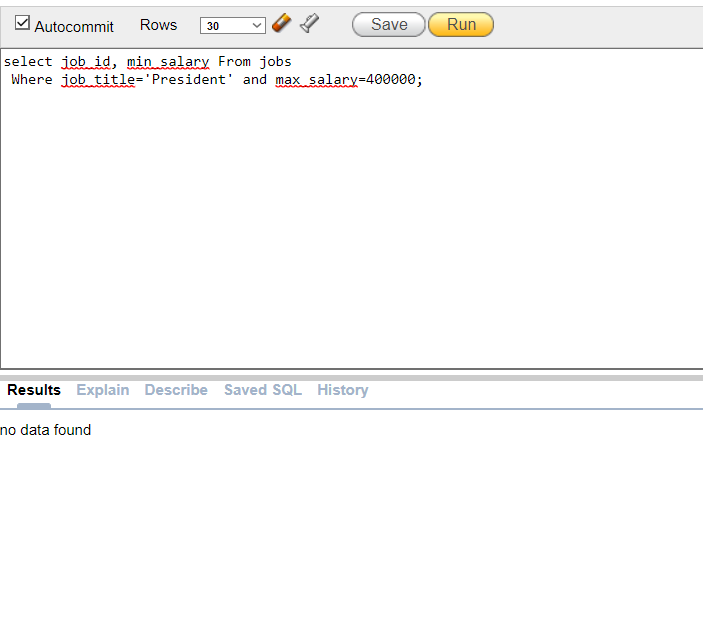
where department\_id=110 and job\_title=’AC\_ACCOUNT’

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* **Write a query to display job\_id and min salary from those jobs whose job title ‘President and maximum salary is 400000**

Select job\_id, min\_salary From jobs

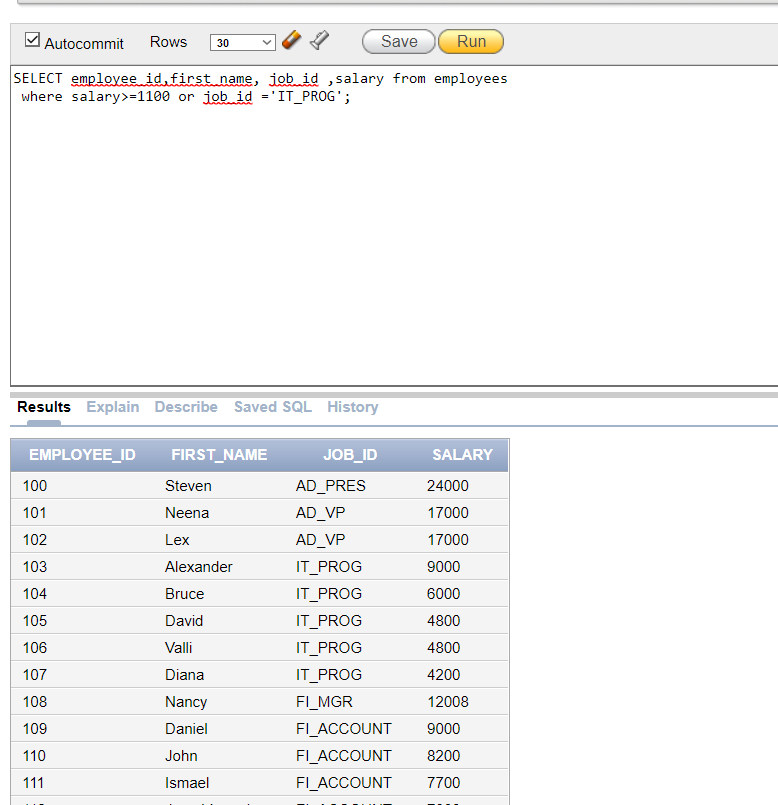
Where job\_title=’President’ and max\_salary=400000;

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* **Write a query to display employee number, first name, job title ,salary form those employees whose salary is greater than equal to 1100 or job\_id is ‘IT\_PROG’**

SELECT employee\_id,first\_name, job\_id ,salary from employees

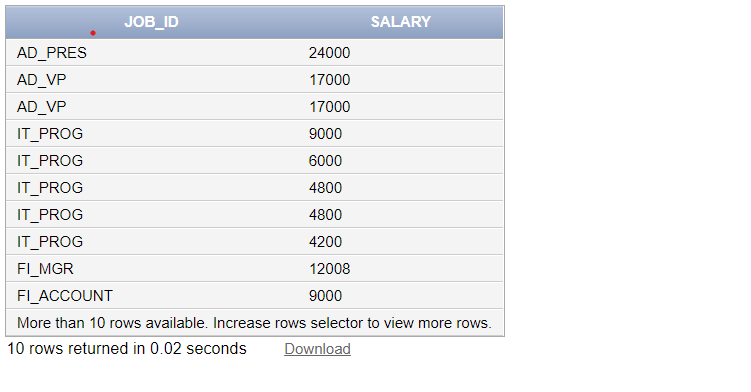
where salary>=1100 or job\_id =’IT\_PROG’;



* **Write a query to display salary and job tile of those employee whose salary is greater than 4000 or job title IT\_PROG**

select job\_id,salary from employees

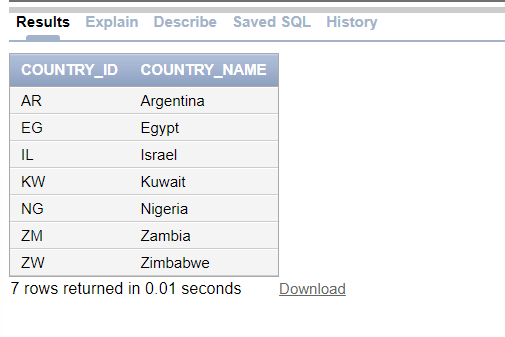
where salary>=4000 or job\_id='IT\_PROG';



* **Write a query to show country code, country name of those employees whose country name ‘Argentina’ or region id 4**

select country\_id,country\_name from countries

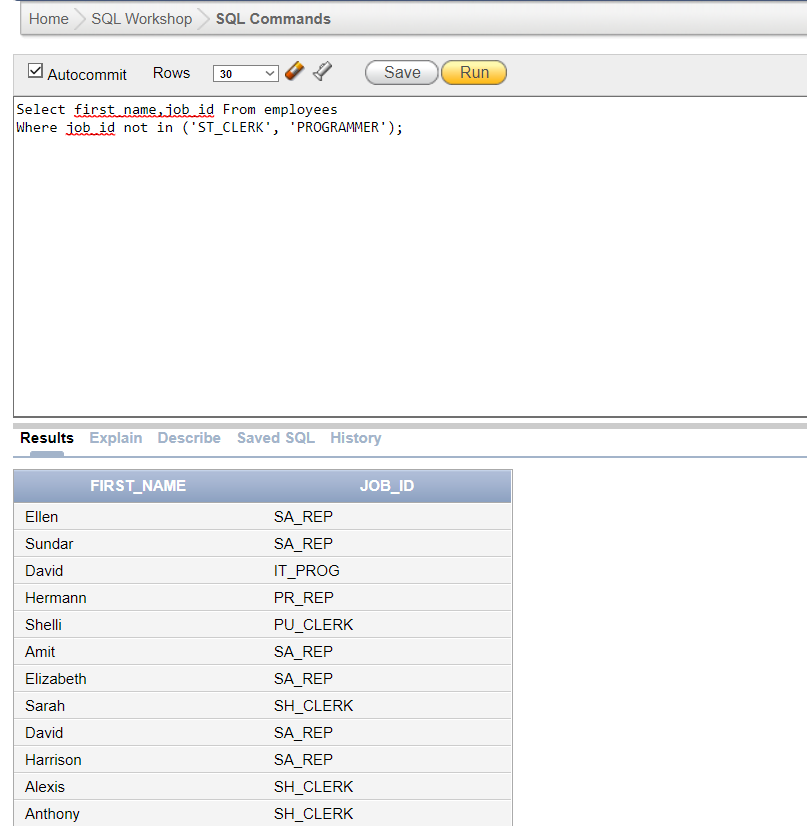
where country\_name='Argentina' or region\_id='4';

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* **Write a query to display first\_name,job title form those employees whose job title not in st\_clerk and programmer.**

Select first\_name,job\_id From employees

Where job\_id not in (‘ST\_CLERK’, ‘PROGRAMMER’);

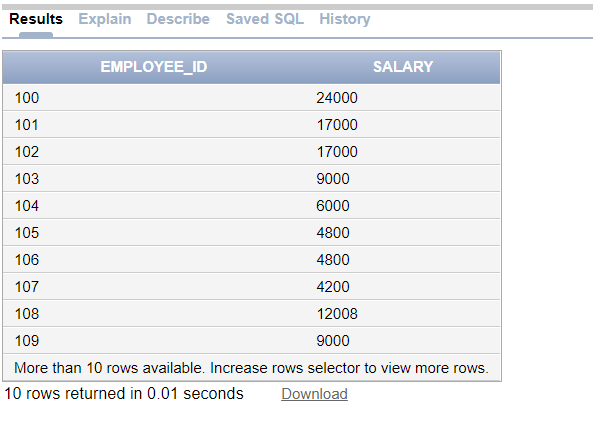
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**Lab task 2:**

* **Write a query to display employee\_id,salary from those employees where department\_id not 50 and 80.**

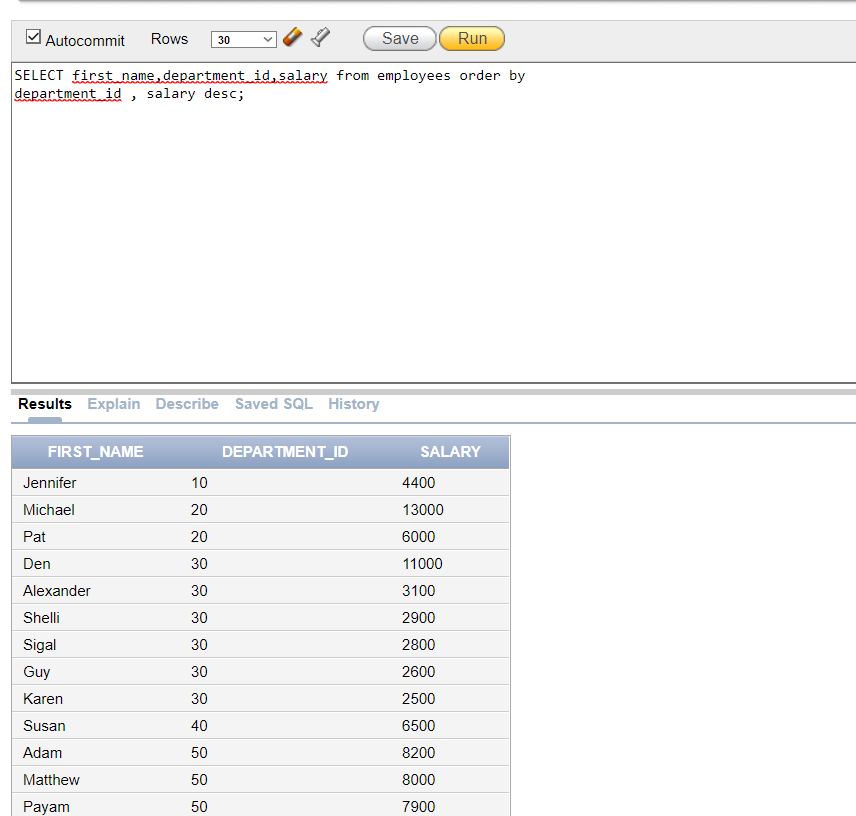
select employee\_id,salary from employees

where department\_id not in(50,80);

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* **Write a query to show all country name is descending order**

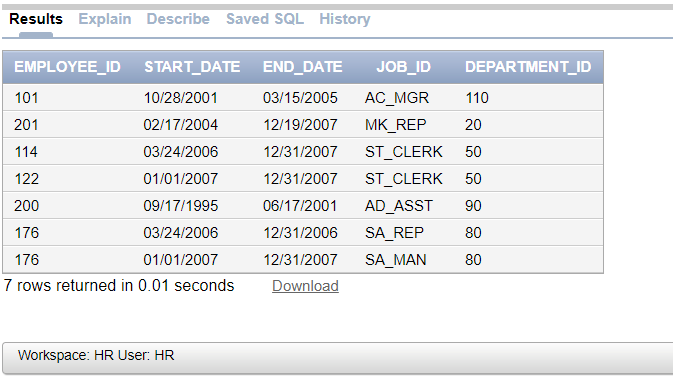
SELECT first\_name,department\_id,salary from employees order by department\_id , salary desc;

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* **Write a query to show all records in job\_history except those records whose Job\_id (‘IT\_PROG’, ‘AC\_ACCOUNT’)**

select \* from job\_history

where job\_id not in('IT\_PROG','AC\_ACCOUNT');

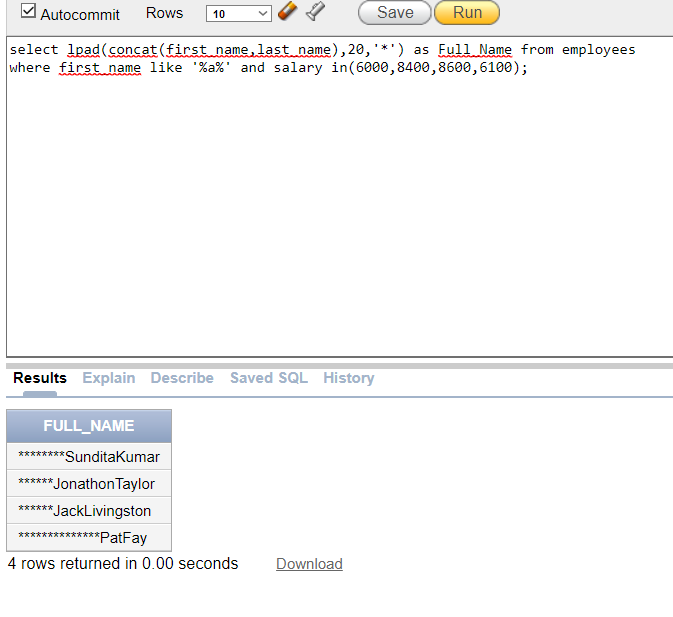


**Lab Task**

* **Write a query to display full name of that employees whose first name contains ‘a’ and salary is 6000, 8400, 8600 and 6100. Display the full name of each employee, and please note each name is right justify.**

select lpad(concat(first\_name,last\_name),20,'\*') as Full\_Name from employees

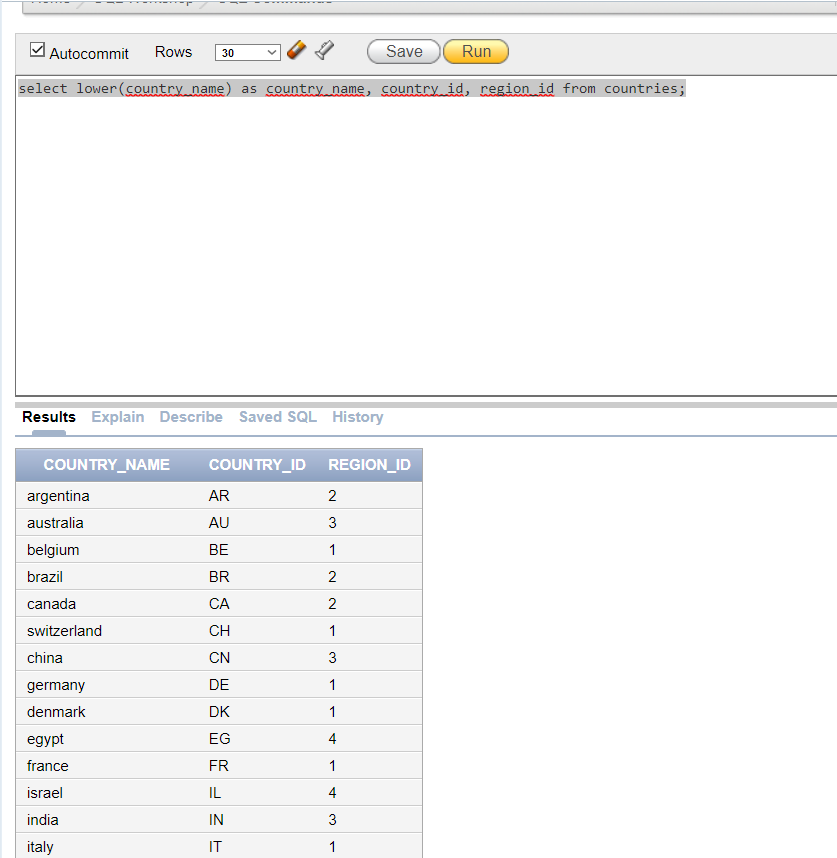
where first\_name like '%a%' and salary in(6000,8400,8600,6100);



Lab Task 2

* **Write a query to show all country name in small letter and display all records in country table**

select lower(country\_name) as country\_name, country\_id, region\_id from countries;



* **Write a query to show all employees-name in capital letters of those employee whose salary range in 6000 to 12000.**

select upper(first\_name) as employee\_name from employees

where salary between 6000 and 12000;

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