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Lab#4



Task no 1 :

Q1:

Query :

```
select count(salary) ,count(distinct salary) from employees;
```

Output:

☒ Autocommit Rows   Save Run

select count(salary) ,count(distinct salary) from employees;

Results Explain Describe Saved SQL History

COUNT(SALARY)	COUNT(DISTINCTSALARY)
107	58



1 rows returned in 0.01 seconds [Download](#)

Q2:

Query:

```
select count(*) from employees where salary > 5000;
```

Output:

☒ Autocommit Rows   Save Run

select count(*) from employees where salary > 5000;

Results Explain Describe Saved SQL History

COUNT(*)
58

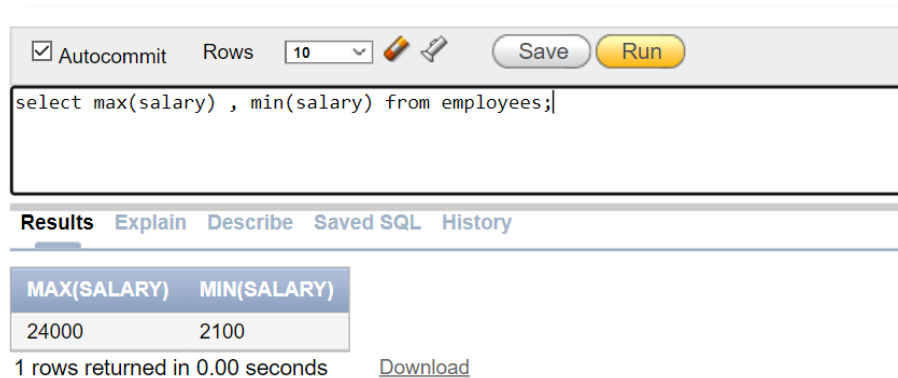
1 rows returned in 0.00 seconds [Download](#)

Q3:

Query:

```
select max(salary) , min(salary) from employees;
```

Output:



The screenshot shows a SQL query execution interface. At the top, there is a toolbar with a checkbox for 'Autocommit', a 'Rows' dropdown set to '10', and buttons for 'Save' and 'Run'. Below the toolbar is a text area containing the query: `select max(salary) , min(salary) from employees;|`. Underneath the text area are tabs for 'Results', 'Explain', 'Describe', 'Saved SQL', and 'History'. The 'Results' tab is selected, displaying a table with two columns: 'MAX(SALARY)' and 'MIN(SALARY)'. The first row of the table shows the values '24000' and '2100'. Below the table, it states '1 rows returned in 0.00 seconds' and provides a 'Download' link.

MAX(SALARY)	MIN(SALARY)
24000	2100

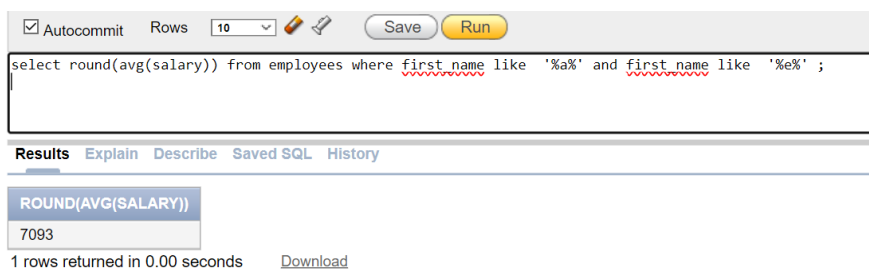
1 rows returned in 0.00 seconds [Download](#)

Task no 2:

Query:

```
select round(avg(salary)) from employees where first_name like '%a%' and first_name like '%e%';
```

Output:



The screenshot shows a SQL query execution interface. At the top, there is a toolbar with a checkbox for 'Autocommit', a 'Rows' dropdown set to '10', and buttons for 'Save' and 'Run'. Below the toolbar is a text area containing the query: `select round(avg(salary)) from employees where first_name like '%a%' and first_name like '%e%';`. Underneath the text area are tabs for 'Results', 'Explain', 'Describe', 'Saved SQL', and 'History'. The 'Results' tab is selected, displaying a table with one column: 'ROUND(AVG(SALARY))'. The first row of the table shows the value '7093'. Below the table, it states '1 rows returned in 0.00 seconds' and provides a 'Download' link.

ROUND(AVG(SALARY))
7093

1 rows returned in 0.00 seconds [Download](#)

Task no 3:

Query:

```
select round(max(salary),2) as maximum , round(min(salary),2) as minimum ,round(sum(salary),2) as sum , round(avg(salary),2) as average from employees;
```

Output:

<input checked="" type="checkbox"/> Autocommit	Rows	10			Save	Run
select round(max(salary),2) as maximum , round(min(salary),2) as minimum ,round(sum(salary),2) as sum , round(avg(salary),2) as average from employees;						
Results Explain Describe Saved SQL History						
MAXIMUM	MINIMUM	SUM	AVERAGE			
24000	2100	691416	6461.83			
1 rows returned in 0.00 seconds				Download		

Task no 4:

Query:

```
select job_id ,round(max(salary),2) as maximum , round(min(salary),2) as minimum
,round(sum(salary),2) as sum , round(avg(salary),2) as average from employees group
by job_id
```

Output:



<input checked="" type="checkbox"/> Autocommit	Rows	10			Save	Run
select job_id ,round(max(salary),2) as maximum , round(min(salary),2) as minimum ,round(sum(salary),2) as sum , round(avg(salary),2) as average from employees group by job_id						
Results Explain Describe Saved SQL History						
JOB_ID	MAXIMUM	MINIMUM	SUM	AVERAGE		
IT_PROG	9000	4200	28800	5760		
AC_MGR	12008	12008	12008	12008		
AC_ACCOUNT	8300	8300	8300	8300		
ST_MAN	8200	5800	36400	7280		
PU_MAN	11000	11000	11000	11000		
AD_ASST	4400	4400	4400	4400		
AD_VP	17000	17000	34000	17000		
SH_CLERK	4200	2500	64300	3215		
FI_ACCOUNT	9000	6900	39600	7920		
FI_MGR	12008	12008	12008	12008		

Task no 5:

Query:

```
select count(*) , job_id from employees group by job_id ;
```

Output:

☒ Autocommit Rows   Save Run

```
select count(*) , job_id from employees group by job_id ;
```

Results [Explain](#) [Describe](#) [Saved SQL](#) [History](#)

COUNT(*)	JOB_ID
1	AC_ACCOUNT
1	AC_MGR
1	AD_ASST
1	AD_PREP
2	AD_VP
5	FI_ACCOUNT
1	FI_MGR
1	HR_REP
5	IT_PROG
1	MK_MAN
More than 10 rows available. Increase rows selector to view more rows.	