

57519_Waqar_Ali_Lab_Task_04

Question NO (01)

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	

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

Results Explain Describe Saved SQL History	
COUNT(*)	
58	
1 rows returned in 0.01 seconds Download	

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

Results

Explain

Describe

Saved SQL

History

MAX(SALARY)	MIN(SALARY)
24000	2100

1 rows returned in 0.00 seconds

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Question No (02)

SELECT AVG(salary) AS average_salary

FROM employees

WHERE first_name LIKE '%a%' AND first_name LIKE '%e%';

Results

Explain

Describe

Saved SQL

History

AVERAGE_SALARY

7092.59259259259259259259259259259259

1 rows returned in 0.02 seconds

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Question No (05)

SELECT job_id, COUNT(*) AS "no. of people"

FROM employees

GROUP BY job_id;

Results	Explain	Describe	Saved SQL	History
JOB_ID	MAX_SALARY	MIN_SALARY	TOTAL_SALARY	AVG_SALARY
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
More than 10 rows available. Increase rows selector to view more rows.				
10 rows returned in 0.01 seconds				
Download				

Question No (03)

```
SELECT job_id,  
       ROUND(MAX(salary), 2) AS max_salary,  
       ROUND(MIN(salary), 2) AS min_salary,  
       ROUND(SUM(salary), 2) AS total_salary,  
       ROUND(AVG(salary), 2) AS avg_salary  
FROM Employees  
GROUP BY job_id;
```

Results Explain Describe Saved SQL History				
JOB_ID	MAX_SALARY	MIN_SALARY	TOTAL_SALARY	AVG_SALARY
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
More than 10 rows available. Increase rows selector to view more rows.				
10 rows returned in 0.01 seconds Download				

Question NO (04)

```

SELECT job_id,
       ROUND(MIN(salary), 2) AS min_salary,
       ROUND(MAX(salary), 2) AS max_salary,
       ROUND(SUM(salary), 2) AS total_salary,
       ROUND(AVG(salary), 2) AS avg_salary
FROM employees
GROUP BY job_id;

```

OUTPUT

Results	Explain	Describe	Saved SQL	History
JOB_ID	MIN_SALARY	MAX_SALARY	TOTAL_SALARY	AVG_SALARY
IT_PROG	4200	9000	28800	5760
AC_MGR	12008	12008	12008	12008
AC_ACCOUNT	8300	8300	8300	8300
ST_MAN	5800	8200	36400	7280
PU_MAN	11000	11000	11000	11000
AD_ASST	4400	4400	4400	4400
AD_VP	17000	17000	34000	17000
SH_CLERK	2500	4200	64300	3215
FI_ACCOUNT	6900	9000	39600	7920
FI_MGR	12008	12008	12008	12008
More than 10 rows available. Increase rows selector to view more rows.				

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