

3.3

Perform following queries

(1) Retrieve all data from **employee**, **jobs** and **deposit**.

SQLyog Community 64 - [xampp/ppud - root@127.0.0.2*]

Query 1: `USE ppud;`
`SELECT * FROM employee;`
`SELECT * FROM jobs;`
`SELECT * FROM deposit_yog;`

emp_id	emp_name	emp_sal	emp_comm	dept_id	job_id
100	Smith	800.0	955.20	(NULL)	(NULL)
101	Stecher	1600.0	900.25	(NULL)	(NULL)
102	Adams	1100.0	0.20	(NULL)	(NULL)
103	Amann	3000.0	955.15	(NULL)	(NULL)
104	Baile	5000.0	955.10	(NULL)	(NULL)
105	Seneha	2450.0	955.10	(NULL)	(NULL)
106	Anamika	2975.0	955.30	(NULL)	(NULL)

Query batch completed successfully
 Exec: 0.001 sec Total: 0.005 sec 7 row(s) Connections: 1 Upgrade to SQLyog Ultimate

SQLyog Community 64 - [xampp/ppud - root@127.0.0.2*]

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`SELECT * FROM employee;`
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105	Seneha	2450.0	955.10	(NULL)	(NULL)
106	Anamika	2975.0	955.30	(NULL)	(NULL)

Query batch completed successfully
 Exec: 0.001 sec Total: 0.005 sec 9 row(s) Connections: 1 Upgrade to SQLyog Ultimate

SQLyog Community 64 - [xampp/ppud - root@127.0.0.2*]

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`SELECT * FROM employee;`
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104	Baile	5000.0	955.10	(NULL)	(NULL)
105	Seneha	2450.0	955.10	(NULL)	(NULL)
106	Anamika	2975.0	955.30	(NULL)	(NULL)

Query batch completed successfully
 Exec: 0.001 sec Total: 0.005 sec 6 row(s) Connections: 1 Upgrade to SQLyog Ultimate

- (2) Give details of account no. and deposited rupees of customers having account opened between dates **01-01-96** and **25-07-96**.

Query 1

```
USE ppud;
SELECT ACTNO,AMOUNT FROM deposit_yog WHERE ADATE BETWEEN '1996-01-06 ' AND '1996-07-06' ;
```

ACTNO	AMOUNT
105	3000.00
106	2000.00

Query batch completed successfully

Exec: 0 sec Total: 0.003 sec 2 row(s) Ln 11, Col 1 Connections: 1

- (3) Display all jobs with minimum salary is greater than 4000.

Query 1

```
USE ppud;
SELECT * FROM job WHERE min_sal>4000 ;
```

job_id	job_name	min_sal	max_sal
MKG_MGR	Marketing manager	9000.00	15000.00
FI_MGR	Finance Manager	8200.00	12000.00
FI_ACC	Account	4200.00	9000.00
LEC	Lecture	6000.00	17000.00

Query batch completed successfully

Exec: 0 sec Total: 0.003 sec 4 row(s) Ln 3, Col 37 Connections: 1

- (4) Display name and salary of employee whose department no is 20. Give alias name to name of employee.

SQLyog Community 64 - [xampp/ppud - root@127.0.0.2*]

Filter tables in ppud

Query 1 x Job History

```
USE ppud;
SELECT * FROM employee WHERE emp_name LIKE 'A%';
```

1 Result 2 Profiler 3 Messages 4 Table Data 5 Info

emp_no	emp_name	emp_sal	emp_comm	dept_no	job_id
102	Adana	1100.0	0.20	(NULL)	
104	Anita	5000.0	999.10	(NULL)	
106	Anamika	2975.0	999.30	(NULL)	

Query batch completed successfully

Exec: 0 sec Total: 0.003 sec 3 row(s) Ln 3, Col 44 Connections: 1

SELECT emp_name as "Employee Name", emp_sal FROM employee where dept_no=20 LIMIT 0, 1000

Query batch completed successfully

Exec: 0 sec Total: 0.001 sec 2 row(s) Ln 3, Col 34 Connections: 1

(5) Display employee no,name and department details of those employee whose department lies in(10,20)

To study various options of LIKE predicate

(1) Display all employee whose name start with 'A' and third character is 'a'.

SQLyog Community 64 - [xampp/ppud - root@127.0.0.2*]

Filter tables in ppud

Query 1 x Job History

```
USE ppud;
SELECT emp_no, emp_name, dept_no FROM employee WHERE dept_no BETWEEN 10 AND 20;
```

1 Result 2 Profiler 3 Messages 4 Table Data 5 Info

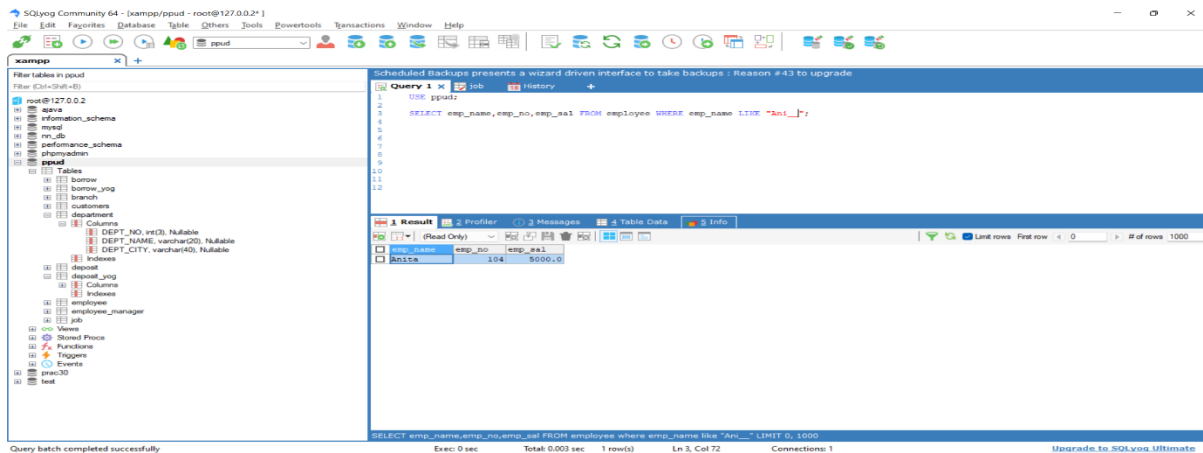
emp_no	emp_name	dept_no
100	Smith	20
102	Adana	20
103	Anan	15
104	Anita	10
105	Sneha	10

Query batch completed successfully

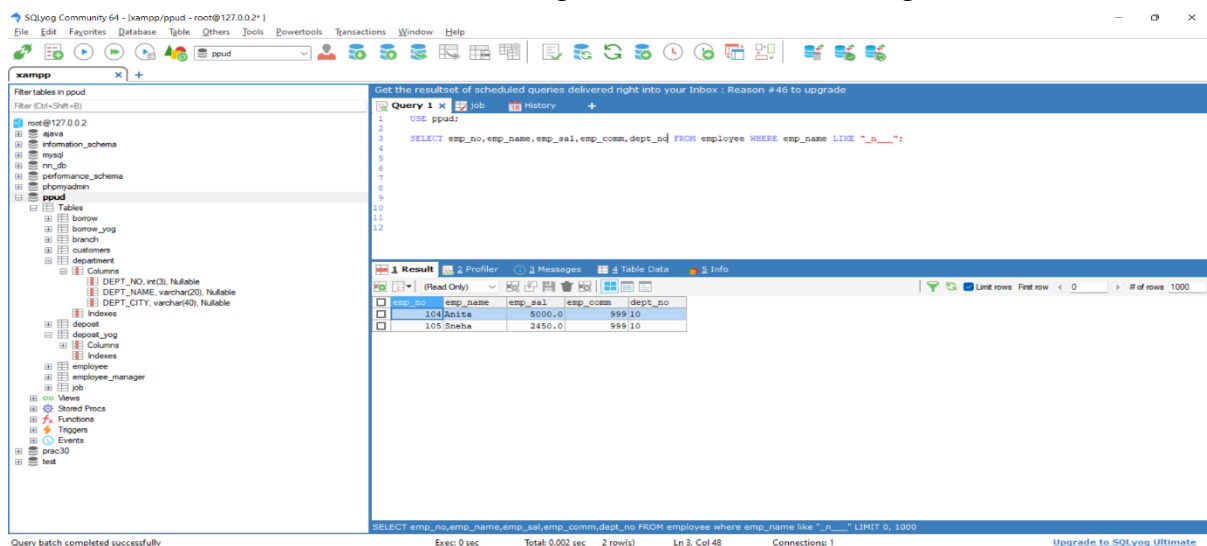
Exec: 0 sec Total: 0.001 sec 5 row(s) Ln 3, Col 77 Connections: 1

SELECT emp_no, emp_name, dept_no FROM employee where dept_no between 10 and 20 LIMIT 0, 1000

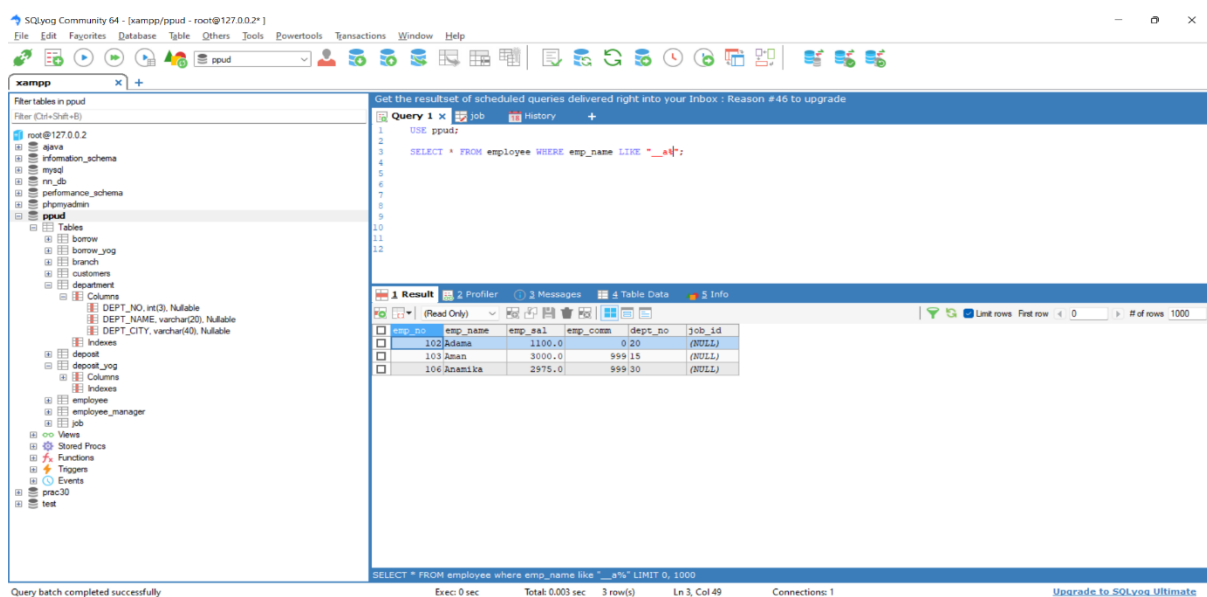
(2) Display name, number and salary of those employees whose name is 5 characters long and first three characters are 'Ani'.



(3) Display the non-null values of employees and also employee name second character should be 'n' and string should be 5 character long.



(4) Display the null values of employee and also employee name's third character should be 'a'.



(5) What will be output if you are giving LIKE predicate as '%_%' ESCAPE '\'

The screenshot shows the SQLyog Community 64 interface. The left pane displays the database structure for 'ppud', including tables like 'borrow', 'branch', 'customers', 'department', 'deposit', 'employee', and 'job'. The right pane shows a query window with the following SQL code:

```
USE ppud;
SELECT * FROM employee WHERE emp_name LIKE '%\_%';
SELECT * FROM employee;
```

The query results are displayed in a table with the following columns: emp_no, emp_name, emp_sal, emp_comm, dept_no, and job_id. The results show one row for the employee 'Himani Trivedi'.

emp_no	emp_name	emp_sal	emp_comm	dept_no	job_id
107	Himani Trivedi	(NULL)	(NULL)	(NULL)	(NULL)

The status bar at the bottom indicates: Exec: 0 sec, Total: 0.002 sec, 1 row(s), Ln 4, Col 50, Connections: 1. A link to 'Upgrade to SQLyog Ultimate' is also visible.