

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigation: t in functions user defined functions joins sub queries views stored procedures triggers sp DCL Module End Project\_MySQL- Li... Day 36- Indexing

SCHEMAS

Filter objects

- staff\_new
- staffs
  - Columns
    - staff\_id
    - staff\_name
    - department
    - salary
  - Indexes
  - Foreign Keys
  - Triggers

Administration Schemas

Information

No object selected

Result Grid

Table	Non_unique	Key_name	Seq_in_index	Column_name	Collation	Cardinality	Sub_part	Packed	Null	Index_type	Comment	Index_comment	Visible	Expression
staffs	1	idx_staff_name	1	staff_name	A	5			YES	BTREE			YES	

Result 20 x

Output

Action Output

#	Time	Action	Message	Duration / Feich
64	22:02:45	CREATE INDEX idx_staff_name ON staffs(staff_name)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.047 sec
65	22:02:48	SHOW INDEX FROM staffs	1 row(s) returned	0.000 sec / 0.000 sec

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**SCHEMAS**

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    - salary
  - Indexes
    - idx\_staff\_name
  - Foreign Keys

Administration Schemas

Information

Column: **salary**

Definition:  
salary nt

Result Grid

staff_id	staff_name	department	salary
5	Alice	marketing	25000

staffs 25 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
78	22:06:04	CREATE INDEX idx_SALARY_STAFF ON staffs(staff_name,salary)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.063 sec
79	22:06:11	SELECT * FROM staffs WHERE staff_name = 'Alice'	1 row(s) returned	0.000 sec / 0.000 sec

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Navigator

SCHEMAS

Filter objects

- staff\_new
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    - salary
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    - idx\_staff\_name
  - ForeignKeys

Administration Schemas

Information

Column: salary

Definition: salary int

Query Editor

Don't Limit

```
4 INSERT INTO staffs (staff_id,staff_name,department,salary) VALUES (6,'Alice','marketing',25000);
5 SELECT * FROM staffs WHERE staff_name = 'Alice';
6
7 #Composite Index:
8 CREATE INDEX idx_SALARY_STAFF ON staffs(staff_name,salary);
9 SHOW INDEX FROM staffs;
10 INSERT INTO staffs (staff_name,salary) VALUES ('NEETHU',42000 );
11 SELECT * FROM staffs WHERE staff_name = 'NEETHU';
```

Result Grid

staff_id	staff_name	department	salary
6	NEETHU	marketing	42000

Output

staffs 26 x

Action Output

#	Time	Action	Message	Duration / Feich
80	22:06:45	INSERT INTO staffs (staff_name,salary) VALUES ('NEETHU',42000 )	1 row(s) affected	0.032 sec
81	22:06:56	SELECT * FROM staffs WHERE staff_name = 'NEETHU'	1 row(s) returned	0.000 sec / 0.000 sec

MySQL Workbench

Local instance MySQL80 x

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Navigator

SCHEMAS

Filter objects

- staff\_new
- staffs
  - Columns
    - staff\_id
    - staff\_name
    - department
    - salary
  - Indexes
    - idx\_staff\_name
  - Foreign Keys

Administration Schemas

Information

Column: salary

Definition: salary INT

Query Editor

```
5 • SELECT * FROM staffs WHERE staff_name = 'Alice';
6
7 #Composite Index:
8 • CREATE INDEX idx_SALARY_STAFF ON staffs(staff_name,salary);
9 • SHOW INDEX FROM staffs;
10 • INSERT INTO staffs (staff_name,salary) VALUES ('NEETHU',42000 );
11 • SELECT * FROM staffs WHERE staff_name = 'NEETHU';
12 • select * from staffs;
```

Result Grid

	staff_id	staff_name	department	salary
▶	1	ojay	marketing	25000
	2	arun	sales	45000
	3	shanthan	Hr	20000
	4	das	finance	15000
	5	joseph	sales	20000
	6	Alice	marketing	25000
	NO.45	NEETHU	NO.33	42000

staffs 27 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 81	22:05:56	SELECT * FROM staffs WHERE staff_name = 'NEETHU'	1 row(s) returned	0.000 sec / 0.000 sec
✓ 82	22:09:27	select * from staffs	7 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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Navigator

SCHEMAS

Filter objects

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    - staff\_id
    - staff\_name
    - department
    - salary
  - Indexes
    - idx\_staff\_name
  - Foreign Keys

Administration Schemas

Information

Column: salary

Definition: salary int

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9 SHOW INDEX FROM staffs;

10 INSERT INTO staffs (staff\_name,salary) VALUES ('NEETHU',42000 );

11 SELECT \* FROM staffs WHERE staff\_name = 'NEETHU';

12 select \* from staffs;

13 #Dropping an Index:

14 DROP INDEX idx\_staff\_name ON staffs;

15 DROP INDEX idx\_SALARY\_STAFF ON staffs;

16 SHOW INDEX FROM staffs;

Result Grid

Table	Non_unique	Key_name	Seq_in_index	Column_name	Colation	Cardinality	Sub_part	Packed	Null	Index_type	Comment	Index_comment	Visible	Expression
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Result 28 x Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
84	22:08:49	DROP INDEX idx_SALARY_STAFF ON staffs	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.125 sec
85	22:08:58	SHOW INDEX FROM staffs	0 row(s) returned	0.016 sec / 0.000 sec

Object Info Session