

# LAB#06

## MUHAMMAD ANAS

(cs221004)

```
1 • USE HR;
2
3 • CREATE TEMPORARY TABLE EmployeeInfo (
4     full_name VARCHAR(30),
5     job_title VARCHAR(10),
6     department VARCHAR(15)
7 );
8
9 • DESCRIBE EmployeeInfo;
10
```

Field	Type	Null	Key	Default	Extra
full_name	varchar(30)	YES		NULL	NULL
job_title	varchar(10)	YES		NULL	NULL
department	varchar(15)	YES		NULL	NULL

#	Time	Action	Message
✓ 252	20:34:02	CREATE TEMPORARY TABLE EmployeeInfo ( full_name VARCHAR(30), job_title VARCHAR(10), depa...	0 row(s) affected
✓ 253	20:34:09	DESCRIBE EmployeeInfo	3 row(s) returned
✓ 254	20:34:13	DESCRIBE EmployeeInfo	3 row(s) returned
✓ 255	20:34:16	DESCRIBE EmployeeInfo	3 row(s) returned

```

8
9 • DESCRIBE EmployeeInfo;
10
11 • CREATE TABLE Emp_Clone LIKE Employees;
12
13 • INSERT INTO Emp_Clone SELECT * FROM Employees;
14
15 • Describe Employees;
16 • describe Emp_Clone;

```

Result Grid						
		Filter Rows:			Export:	Wrap Cell Content: <a href="#">fA</a>
	Field	Type	Null	Key	Default	Extra
▶	employee_id	int unsigned	NO	PRI	NULL	
	first_name	varchar(20)	YES		NULL	
	last_name	varchar(25)	NO		NULL	
	email	varchar(25)	NO		NULL	
	phone_number	varchar(20)	YES		NULL	
	hire_date	date	NO		NULL	

Result 12 ×

Output

Action Output

#	Time	Action	Me
✓ 269	20:46:10	describe Emp_Clone	11 r
✓ 270	20:46:29	ALTER TABLE Emp_Clone DROP COLUMN hire_date	0 ro
✓ 271	20:46:36	describe Emp_Clone	10 r
✓ 272	20:48:07	Describe Employees	11 r

```

12
13 • INSERT INTO Emp_Clone SELECT * FROM Employees;
14
15 • Describe Employees;
16 • describe Emp_Clone;
17

```

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Result Grid Filter Rows:  Export: Wrap Cell Content:

	Field	Type	Null	Key	Default	Extra
▶	employee_id	int unsigned	NO	PRI	NULL	
	first_name	varchar(20)	YES		NULL	
	last_name	varchar(25)	NO		NULL	
	email	varchar(25)	NO		NULL	
	phone_number	varchar(20)	YES		NULL	
	job_id	varchar(10)	NO	MUL	NULL	

Result 13 x

Output

Action Output

#	Time	Action	Message
✓ 270	20:46:29	ALTER TABLE Emp_Clone DROP COLUMN hire_date	0 row(s) affected Records:
✓ 271	20:46:36	describe Emp_Clone	10 row(s) returned
✓ 272	20:48:07	Describe Employees	11 row(s) returned
✓ 273	20:48:15	describe Emp_Clone	10 row(s) returned

```

14
15 • Describe Employees;
16 • describe Emp_Clone;
17
18 • SELECT * FROM Emp_Clone;
19

```

<

Result Grid Filter Rows:  Edit: Export/Import: Wrap Cell Content:

	employee_id	first_name	last_name	email	phone_number	job_id	salary	commission_pct	manager_id	department_id
▶	100	Steven	King	SKING	515.123.4567	AD_PRES	24000.00	NULL	NULL	90
	101	Neena	Kochhar	NKOCHHAR	515.123.4568	AD_VP	17000.00	NULL	100	90
	102	Lex	De Haan	LDEHAAN	515.123.4569	AD_VP	17000.00	NULL	100	90
	103	Alexander	Hunold	AHUNOLD	590.423.4567	IT_PROG	9000.00	NULL	102	60
	104	Bruce	Ernst	BERNST	590.423.4568	IT_PROG	6000.00	NULL	103	60
	105	David	Austin	DAUSTIN	590.423.4569	IT_PROG	4800.00	NULL	103	60

Emp\_Clone 14 x

Output

Action Output

#	Time	Action	Message
✓ 271	20:46:36	describe Emp_Clone	10 row(s) returned
✓ 272	20:48:07	Describe Employees	11 row(s) returned
✓ 273	20:48:15	describe Emp_Clone	10 row(s) returned
✓ 274	20:48:25	SELECT * FROM Emp_Clone LIMIT 0, 1000	107 row(s) returned

```

20
21 • ALTER TABLE Emp_Clone DROP COLUMN hire_date;
22
23 • describe Employees;
24 • describe Emp_Clone;

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [IA](#)

Field	Type	Null	Key	Default	Extra
employee_id	int unsigned	NO	PRI	<a href="#">NULL</a>	
first_name	varchar(20)	YES		<a href="#">NULL</a>	
last_name	varchar(25)	NO		<a href="#">NULL</a>	
email	varchar(25)	NO		<a href="#">NULL</a>	
phone_number	varchar(20)	YES		<a href="#">NULL</a>	
hire_date	date	NO		<a href="#">NULL</a>	

Result 15 x

Output

Action Output

#	Time	Action	Message
✓ 272	20:48:07	Describe Employees	11 row(s) returned
✓ 273	20:48:15	describe Emp_Clone	10 row(s) returned
✓ 274	20:48:25	SELECT * FROM Emp_Clone LIMIT 0, 1000	107 row(s) returned
✓ 275	20:48:36	describe Employees	11 row(s) returned

```

20
21 • ALTER TABLE Emp_Clone DROP COLUMN hire_date;
22
23 • describe Employees;
24 • describe Emp_Clone;
25
26
27

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [IA](#)

Field	Type	Null	Key	Default	Extra
employee_id	int unsigned	NO	PRI	<a href="#">NULL</a>	
first_name	varchar(20)	YES		<a href="#">NULL</a>	
last_name	varchar(25)	NO		<a href="#">NULL</a>	
email	varchar(25)	NO		<a href="#">NULL</a>	
phone_number	varchar(20)	YES		<a href="#">NULL</a>	
job_id	varchar(10)	NO	MUL	<a href="#">NULL</a>	
salary	decimal(8,2)	NO		<a href="#">NULL</a>	
commission_pct	decimal(2,2)	YES		<a href="#">NULL</a>	
manager_id	int unsigned	YES	MUL	<a href="#">NULL</a>	
department_id	int unsigned	YES	MUL	<a href="#">NULL</a>	

Result 16 x

Output

Action Output

#	Time	Action	Message
✓ 273	20:48:15	describe Emp_Clone	10 row(s) returned
✓ 274	20:48:25	SELECT * FROM Emp_Clone LIMIT 0, 1000	107 row(s) returned
✓ 275	20:48:36	describe Employees	11 row(s) returned
✓ 276	20:48:42	describe Emp_Clone	10 row(s) returned