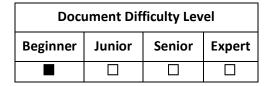


i2i Academy

Training Document

Topic	Oracle SQL Language Fundamentals I
Document Name	SQL01-EX-04



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Document History

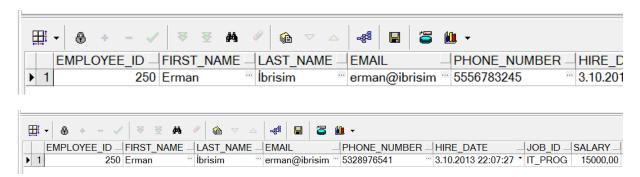
Date	Author	Ver	Comments
03.10.2013	Erman İbrişim	1.0	Initial Draft

Oracle SQL Language Fundamentals I

Exercise SQL01-EX-04:

Definiton: Create a table (table name like HR.EMP) from HR.EMPLOYEES table. Insert a new row to HR.EMP table and update this employee's phone number and salary. Delete your new row and display the HR.EMP table. Finally drop your table HR.EMP.

Sample Output:



Objectives: To learn basic SQL keywords like INSERT, UPDATE, DELETE, DROP and CREATE TABLE from table.

Solution of SQL01-EX-04:

For solution of example, please send your answer to your supervisor.

QUERY FOR CREATING TABLE

```
CREATE TABLE HR.EMP AS (SELECT * FROM HR.employees);
DESCRIBE HR.EMP
```

RESULT

reat	ed.	
Null?		Туре
		NUMBER(6)
		VARCHAR2(20)
N0T	NULL	VARCHAR2(25)
NOT	NULL	VARCHAR2(25)
		VARCHAR2(20)
NOT	NULL	DATE
N0T	NULL	VARCHAR2(10)
		NUMBER(8,2)
		NUMBER(2,2)
		NUMBER(6)
		NUMBER(4)
	Nul NOT NOT	NOT NULL NOT NULL

QUERY FOR CHANGE MODIFY HIRE_DATE COLUMN AND INSERT ROW

```
ALTER TABLE hr.emp
MODIFY HIRE_DATE TIMESTAMP;
INSERT INTO HR.emp
(employee_id, first_name, last_name, email, phone_number, hire_date, job_id, salary)
VALUES (250,'Erman','Ibrisim', 'erman@ibrisim', '5556783245',TO_TIMESTAMP('03-10-2013 22:07:27'),'IT_PROG',10000.00)
```

RESULT

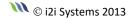
100	199 Douglas	Grant	DGRANT	650.507.9844	13/01/2008 00:00:00,0000	SH_CLERK	2600
101	200 Jennifer	Whalen	JWHALEN	515.123.4444	17/09/2003 00:00:00,0000	AD_ASST	4400
102	201 Michael	Hartstein	MHARTSTE	515.123.5555	17/02/2004 00:00:00,0000	MK_MAN	13000
103	202 Pat	Fay	PFAY	603.123.6666	17/08/2005 00:00:00,0000	MK_REP	6000
104	203 Susan	Mavris	SMAVRIS	515.123.7777	07/06/2002 00:00:00,0000	HR_REP	6500
105	204 Hermann	Baer	HBAER	515.123.8888	07/06/2002 00:00:00,0000	PR_REP	10000
106	205 Shelley	Higgins	SHIGGINS	515.123.8080	07/06/2002 00:00:00,0000	AC_MGR	12008
107	206 William	Gietz	WGIETZ	515.123.8181	07/06/2002 00:00:00,0000	AC_ACCOUNT	8300
108	250 Erman	İbrisim	erman	5556783245	03/10/2013 22:07:27,0000	IT_PROG	10000

QUERY FOR CHANGE INSERTED ROW'S SALARY AND PHONE_NUMBER

```
UPDATE HR.emp
SET phone_number='5328976541', salary=15000.00
WHERE employee_id=250
```

RESULT

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100	199 Douglas	Grant	DGRANT	650.507.9844	13/01/2008 00:00:00,00	000 SH_CLERK	2600
101	200 Jennifer	Whalen	JWHALEN	515.123.4444	17/09/2003 00:00:00,00	000 AD_ASST	4400
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104	203 Susan	Mavris	SMAVRIS	515.123.7777	07/06/2002 00:00:00,00	000 HR_REP	6500
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106	205 Shelley	Higgins	SHIGGINS	515.123.8080	07/06/2002 00:00:00,00	000 AC_MGR	12008
107	206 William	Gietz	WGIETZ	515.123.8181	07/06/2002 00:00:00,00	000 AC_ACCOUNT	8300
108	250 Erman	İbrisim	erman	5328976541	03/10/2013 22:07:27,00	000 IT_PROG	15000





QUERY FOR DROP TABLE

DROP TABLE HR.EMP;

RESULT

Table HR.EMP dropped.

