

15IT302J-DATABASE MANAGEMENT SYSTEMS

DATE:19/7/2019

Exp1B: INSERT TUPLE INTO TABLES

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CUSTOMER SCHEMA:

```
SQL> insert into customer values('&customer_name','&customer_street','&customer_city');
```

Enter value for customer_name: aditya

Enter value for customer_street: sgroad

Enter value for customer_city: mardurai

```
old 1: insert into customer values('&customer_name','&customer_street','&customer_city')
```

```
new 1: insert into customer values('aditya','sgroad','mardurai')
```

1 row created.

```
SQL> /
```

Enter value for customer_name: ankit

Enter value for customer_street: sgroad

Enter value for customer_city: mardurai

```
old 1: insert into customer values('&customer_name','&customer_street','&customer_city')
```

```
new 1: insert into customer values('ankit','sgroad','mardurai')
```

1 row created.

```
SQL> /
```

Enter value for customer_name: kadam

Enter value for customer_street: sgroad

Enter value for customer_city: mardurai

```
old 1: insert into customer values('&customer_name','&customer_street','&customer_city')
```

```
new 1: insert into customer values('kadam','sgroad','mardurai')
```

1 row created.

```
SQL> /
```

Enter value for customer_name: aman

Enter value for customer_street: pondscolony

Enter value for customer_city: salem

old 1: insert into customer values('&customer_name','&customer_street','&customer_city')

new 1: insert into customer values('aman','pondscolony','salem')

1 row created.

SQL>

SQL> /

Enter value for customer_name: atif

Enter value for customer_street: aliroad

Enter value for customer_city: trichy

old 1: insert into customer values('&customer_name','&customer_street','&customer_city')

new 1: insert into customer values('atif','aliroad','trichy')

1 row created.

SQL> /

Enter value for customer_name: namya

Enter value for customer_street: shyamal

Enter value for customer_city: ahemdabad

old 1: insert into customer values('&customer_name','&customer_street','&customer_city')

new 1: insert into customer values('namya','shyamal','ahemdabad')

1 row created.

SQL> /

Enter value for customer_name: nitya

Enter value for customer_street: gandhinagar

Enter value for customer_city: ahemdabad

old 1: insert into customer values('&customer_name','&customer_street','&customer_city')

new 1: insert into customer values('nitya','gandhinagar','ahemdabad')

1 row created.

SQL> /

Enter value for customer_name: akshit

Enter value for customer_street: satellite

Enter value for customer_city: trichy

old 1: insert into customer values('&customer_name','&customer_street','&customer_city')

new 1: insert into customer values('akshit','satellite','trichy')

1 row created.

SQL> /

Enter value for customer_name: shwet

Enter value for customer_street: rastapa

Enter value for customer_city: salem

old 1: insert into customer values('&customer_name','&customer_street','&customer_city')

new 1: insert into customer values('shwet','rastapa','salem')

1 row created.

SQL> /

Enter value for customer_name: akshil

Enter value for customer_street: devracolony

Enter value for customer_city: trichy

old 1: insert into customer values('&customer_name','&customer_street','&customer_city')

new 1: insert into customer values('akshil','devracolony','trichy')

1 row created.

SQL> /

Enter value for customer_name: anshul

Enter value for customer_street: cgroad

Enter value for customer_city: mardurai

old 1: insert into customer values('&customer_name','&customer_street','&customer_city')

new 1: insert into customer values('anshul','cgroad','mardurai')

1 row created.

SQL> /

Enter value for customer_name: astha

Enter value for customer_street: rastepoh

Enter value for customer_city: salem

old 1: insert into customer values('&customer_name','&customer_street','&customer_city')

new 1: insert into customer values('astha','rastepoh','salem')

1 row created.

SQL> /

Enter value for customer_name: amish

Enter value for customer_street: jivaraj

Enter value for customer_city: ahemdabad

old 1: insert into customer values('&customer_name','&customer_street','&customer_city')

new 1: insert into customer values('amish','jivaraj','ahemdabad')

1 row created.

SQL> /

Enter value for customer_name: freya

Enter value for customer_street: ambavadi

Enter value for customer_city: trichy

old 1: insert into customer values('&customer_name','&customer_street','&customer_city')

new 1: insert into customer values('freya','ambavadi','trichy')

1 row created.

SQL> /

Enter value for customer_name: manish

Enter value for customer_street: wasseypur

Enter value for customer_city: salem

old 1: insert into customer values('&customer_name','&customer_street','&customer_city')

new 1: insert into customer values('manish','wasseypur','salem')

1 row created.

SQL> /

Enter value for customer_name: faizaan

Enter value for customer_street: potheri

Enter value for customer_city: mardurai

old 1: insert into customer values('&customer_name','&customer_street','&customer_city')

new 1: insert into customer values('faizaan','potheri','mardurai')

1 row created.

SQL > select*from customer;

CUSTOMER_NAME	CUSTOMER_STREET
---------------	-----------------

CUSTOMER_CITY

aditya	sgroad
mardurai	

ankit	sgroad
mardurai	

kadam	sgroad
mardurai	

CUSTOMER_NAME	CUSTOMER_STREET
---------------	-----------------

CUSTOMER_CITY

aman	pondscolony
salem	

atif	aliroad
trichy	

namya	shyamal
ahemdabad	

CUSTOMER_NAME	CUSTOMER_STREET
---------------	-----------------

CUSTOMER_CITY

nitya	gandhinagar
ahemdabad	

akshit	satellite
trichy	

shwet	rastapa
salem	

CUSTOMER_NAME	CUSTOMER_STREET

CUSTOMER_CITY	

akshil	devracolony
trichy	

anshul	cgroad
mardurai	

astha	rastepeh
salem	

CUSTOMER_NAME	CUSTOMER_STREET

CUSTOMER_CITY	

amish	jivaraj
ahemdabad	

freya	ambavadi
trichy	

manish	wasseypur
salem	

CUSTOMER_NAME CUSTOMER_STREET

CUSTOMER_CITY

faizaan potheri

mardurai

16 rows selected.

ACCOUNT SCHEMA:

```
SQL> insert into account values('&account_no','&branch_name','&balance');
```

Enter value for account_no: 10001

Enter value for branch_name: icici

Enter value for balance: 1000

```
old 1: insert into account values('&account_no','&branch_name','&balance')
```

```
new 1: insert into account values('10001','icici','1000')
```

1 row created.

```
SQL> /
```

Enter value for account_no: 10002

Enter value for branch_name: sbi

Enter value for balance: 1500

```
old 1: insert into account values('&account_no','&branch_name','&balance')
```

```
new 1: insert into account values('10002','sbi','1500')
```

1 row created.

```
SQL> /
```

Enter value for account_no: 10003

Enter value for branch_name: hdfc

Enter value for balance: 2000

```
old 1: insert into account values('&account_no','&branch_name','&balance')
```

```
new 1: insert into account values('10003','hdfc','2000')
```

1 row created.

SQL> /

Enter value for account_no: 10004

Enter value for branch_name: hsbc

Enter value for balance: 2500

old 1: insert into account values('&account_no','&branch_name','&balance')

new 1: insert into account values('10004','hsbc','2500')

1 row created.

SQL> /

Enter value for account_no: 10005

Enter value for branch_name: icici

Enter value for balance: 3000

old 1: insert into account values('&account_no','&branch_name','&balance')

new 1: insert into account values('10005','icici','3000')

1 row created.

SQL> /

Enter value for account_no: 10006

Enter value for branch_name: sbi

Enter value for balance: 3500

old 1: insert into account values('&account_no','&branch_name','&balance')

new 1: insert into account values('10006','sbi','3500')

1 row created.

SQL> /

Enter value for account_no: 10007

Enter value for branch_name: hdfc

Enter value for balance: 4000

old 1: insert into account values('&account_no','&branch_name','&balance')


```
new 1: insert into account values('10007','hdfc','4000')
```

1 row created.

```
SQL> /
```

```
Enter value for account_no: 10008
```

```
Enter value for branch_name: hsbc
```

```
Enter value for balance: 4500
```

```
old 1: insert into account values('&account_no','&branch_name','&balance')
```

```
new 1: insert into account values('10008','hsbc','4500')
```

1 row created.

```
SQL> /
```

```
Enter value for account_no: 10009
```

```
Enter value for branch_name: icici
```

```
Enter value for balance: 5000
```

```
old 1: insert into account values('&account_no','&branch_name','&balance')
```

```
new 1: insert into account values('10009','icici','5000')
```

1 row created.

```
SQL> /
```

```
Enter value for account_no: 10010
```

```
Enter value for branch_name: sbi
```

```
Enter value for balance: 5500
```

```
old 1: insert into account values('&account_no','&branch_name','&balance')
```

```
new 1: insert into account values('10010','sbi','5500')
```

1 row created.

```
SQL> select*from account;
```

ACCOUNT_NO	BRANCH_NAME	BALANCE
------------	-------------	---------

10001	icici	1000
10002	sbi	1500
10003	hdfc	2000
10004	hsbc	2500
10005	icici	3000
10006	sbi	3500
10007	hdfc	4000
10008	hsbc	4500
10009	icici	5000
10010	sbi	5500

10 rows selected.

DEPOSITOR SCHEMA:

```
SQL> insert into depositor values('&customer_name','&account_no');
```

Enter value for customer_name: aditya

Enter value for account_no: 10001

```
old 1: insert into depositor values('&customer_name','&account_no')
```

```
new 1: insert into depositor values('aditya','10001')
```

1 row created.

```
SQL> /
```

Enter value for customer_name: ankit

Enter value for account_no: 10002

```
old 1: insert into depositor values('&customer_name','&account_no')
```

```
new 1: insert into depositor values('ankit','10002')
```

1 row created.

```
SQL> /
```

Enter value for customer_name: kadam

Enter value for account_no: 10003

```
old 1: insert into depositor values('&customer_name','&account_no')
```

```
new 1: insert into depositor values('kadam','10003')
```

1 row created.

SQL> /

Enter value for customer_name: aman

Enter value for account_no: 10004

old 1: insert into depositor values('&customer_name','&account_no')

new 1: insert into depositor values('aman','10004')

1 row created.

SQL> /

Enter value for customer_name: atif

Enter value for account_no: 10005

old 1: insert into depositor values('&customer_name','&account_no')

new 1: insert into depositor values('atif','10005')

1 row created.

SQL> /

Enter value for customer_name: namya

Enter value for account_no: 10006

old 1: insert into depositor values('&customer_name','&account_no')

new 1: insert into depositor values('namya','10006')

1 row created.

SQL> /

Enter value for customer_name: nitya

Enter value for account_no: 10007

old 1: insert into depositor values('&customer_name','&account_no')

new 1: insert into depositor values('nitya','10007')

1 row created.

SQL> /

Enter value for customer_name: akshit

Enter value for account_no: 10008

old 1: insert into depositor values('&customer_name','&account_no')

new 1: insert into depositor values('akshit','10008')

1 row created.

SQL> /

Enter value for customer_name: shwet

Enter value for account_no: 10009

old 1: insert into depositor values('&customer_name','&account_no')

new 1: insert into depositor values('shwet','10009')

1 row created.

SQL> /

Enter value for customer_name: akshil

Enter value for account_no: 10010

old 1: insert into depositor values('&customer_name','&account_no')

new 1: insert into depositor values('akshil','10010')

1 row created.

SQL> /

Enter value for customer_name: anshul

Enter value for account_no: 10001

old 1: insert into depositor values('&customer_name','&account_no')

new 1: insert into depositor values('anshul','10001')

1 row created.

SQL> /

Enter value for customer_name: astha

Enter value for account_no: 10002

old 1: insert into depositor values('&customer_name','&account_no')

```
new 1: insert into depositor values('astha','10002')
```

1 row created.

```
SQL> /
```

```
Enter value for customer_name: amish
```

```
Enter value for account_no: 10003
```

```
old 1: insert into depositor values('&customer_name','&account_no')
```

```
new 1: insert into depositor values('amish','10003')
```

1 row created.

```
SQL> /
```

```
Enter value for customer_name: freya
```

```
Enter value for account_no: 10004
```

```
old 1: insert into depositor values('&customer_name','&account_no')
```

```
new 1: insert into depositor values('freya','10004')
```

1 row created.

```
SQL> /
```

```
Enter value for customer_name: manish
```

```
Enter value for account_no: 10005
```

```
old 1: insert into depositor values('&customer_name','&account_no')
```

```
new 1: insert into depositor values('manish','10005')
```

1 row created.

```
SQL> /
```

```
Enter value for customer_name: faizaan
```

```
Enter value for account_no: 10006
```

```
old 1: insert into depositor values('&customer_name','&account_no')
```

```
new 1: insert into depositor values('faizaan','10006')
```

1 row created

```
SQL> select*from depositor;
```

CUSTOMER_NAME	ACCOUNT_NO
---------------	------------

aditya	10001
akshil	10010
akshit	10008
aman	10004
amish	10003
ankit	10002
anshul	10001
astha	10002
atif	10005
faizaan	10006
freya	10004

CUSTOMER_NAME	ACCOUNT_NO
---------------	------------

kadam	10003
manish	10005
namya	10006
nitya	10007
shwet	10009

16 rows selected.

BRANCH SCHEMA:

```
SQL> insert into branch values('&branch_name','&branch_values',&assets);
```

Enter value for branch_name: icici

Enter value for branch_values:

Enter value for assets:

old 1: insert into branch values('&branch_name','&branch_values',&assets)

new 1: insert into branch values('icici',",)

insert into branch values('icici',",)

*

ERROR at line 1:

ORA-00936: missing expression

```
SQL> insert into branch values('&branch_name','&branch_city',&assets);
```

Enter value for branch_name: icici

Enter value for branch_city: mardurai

Enter value for assets: 40000

```
old 1: insert into branch values('&branch_name','&branch_city',&assets)
```

```
new 1: insert into branch values('icici','mardurai',40000)
```

1 row created.

```
SQL> /
```

Enter value for branch_name: sbi

Enter value for branch_city: trichy

Enter value for assets: 80000

```
old 1: insert into branch values('&branch_name','&branch_city',&assets)
```

```
new 1: insert into branch values('sbi','trichy',80000)
```

1 row created.

```
SQL> /
```

Enter value for branch_name: hdfc

Enter value for branch_city: salem

Enter value for assets: 40000

```
old 1: insert into branch values('&branch_name','&branch_city',&assets)
```

```
new 1: insert into branch values('hdfc','salem',40000)
```

1 row created.

```
SQL> /
```

Enter value for branch_name: hsbc

Enter value for branch_city: ahemdabad

Enter value for assets: 40000

```
old 1: insert into branch values('&branch_name','&branch_city',&assets)
```

```
new 1: insert into branch values('hsbc','ahemdabad',40000)
```

1 row created.

```
SQL>
```

```
SQL> /
```

```
Enter value for branch_name: pnb
```

```
Enter value for branch_city: mumbai
```

```
Enter value for assets: 80000
```

```
old 1: insert into branch values('&branch_name','&branch_city',&assets)
```

```
new 1: insert into branch values('pnb','mumbai',80000)
```

1 row created.

```
SQL> /
```

```
Enter value for branch_name: iob
```

```
Enter value for branch_city: chennai
```

```
Enter value for assets: 79000
```

```
old 1: insert into branch values('&branch_name','&branch_city',&assets)
```

```
new 1: insert into branch values('iob','chennai',79000)
```

1 row created.

```
SQL> select*from branch;
```

BRANCH_NAME	BRANCH_CITY	ASSETS
-------------	-------------	--------

icici	mardurai	40000
sbi	trichy	80000
hdfc	salem	40000
hsbc	ahemdabad	40000
pnb	mumbai	80000
iob	chennai	79000

6 rows selected

LOAN SCHEMA:

```
SQL> insert into loan values('&loan_no','&branch_name',&amount);
```

```
Enter value for loan_no: lo100
```

```
Enter value for branch_name: hsbc
```

```
Enter value for amount: 10000
```

```
old 1: insert into loan values('&loan_no','&branch_name',&amount)
```

```
new 1: insert into loan values('lo100','hsbc',10000)
```

```
1 row created.
```

```
SQL> /
```

```
Enter value for loan_no: lo101
```

```
Enter value for branch_name: icic
```

```
Enter value for amount: 15000
```

```
old 1: insert into loan values('&loan_no','&branch_name',&amount)
```

```
new 1: insert into loan values('lo101','icic',15000)
```

```
1 row created.
```

```
SQL> /
```

```
Enter value for loan_no: lo102
```

```
Enter value for branch_name: pnb
```

```
Enter value for amount: 10000
```

```
old 1: insert into loan values('&loan_no','&branch_name',&amount)
```

```
new 1: insert into loan values('lo102','pnb',10000)
```

```
1 row created.
```

```
SQL> /
```

```
Enter value for loan_no: lo103
```

```
Enter value for branch_name: iob
```

```
Enter value for amount: 20000
```

```
old 1: insert into loan values('&loan_no','&branch_name',&amount)
```

```
new 1: insert into loan values('lo103','iob',20000)
```

1 row created.

SQL> /

Enter value for loan_no: lo104

Enter value for branch_name: hsbc

Enter value for amount: 25000

old 1: insert into loan values('&loan_no','&branch_name',&amount)

new 1: insert into loan values('lo104','hsbc',25000)

1 row created.

SQL> /

Enter value for loan_no: lo105

Enter value for branch_name: icic

Enter value for amount: 20000

old 1: insert into loan values('&loan_no','&branch_name',&amount)

new 1: insert into loan values('lo105','icic',20000)

1 row created.

SQL> /

Enter value for loan_no: lo106

Enter value for branch_name: pnb

Enter value for amount: 30000

old 1: insert into loan values('&loan_no','&branch_name',&amount)

new 1: insert into loan values('lo106','pnb',30000)

1 row created.

SQL> /

Enter value for loan_no: lo107

Enter value for branch_name: iob

Enter value for amount: 35000

old 1: insert into loan values('&loan_no','&branch_name',&amount)

new 1: insert into loan values('lo107','iob',35000)

1 row created.

SQL> /

Enter value for loan_no: lo106

Enter value for branch_name:

Enter value for amount:

old 1: insert into loan values('&loan_no','&branch_name',&amount)

new 1: insert into loan values('lo106',",)

insert into loan values('lo106',",)

*

ERROR at line 1:

ORA-00936: missing expression

SQL> /

Enter value for loan_no: lo108

Enter value for branch_name: hsbc

Enter value for amount: 10000

old 1: insert into loan values('&loan_no','&branch_name',&amount)

new 1: insert into loan values('lo108','hsbc',10000)

1 row created.

SQL> /

Enter value for loan_no: lo109

Enter value for branch_name: icic

Enter value for amount: 15000

old 1: insert into loan values('&loan_no','&branch_name',&amount)

new 1: insert into loan values('lo109','icic',15000)

1 row created.

SQL> /

Enter value for loan_no: lo110

Enter value for branch_name: pnb

Enter value for amount: 20000

old 1: insert into loan values('&loan_no','&branch_name','&amount')

new 1: insert into loan values('lo110','pnb',20000)

1 row created.

SQL> select*from loan;

LOAN_NO	BRANCH_NAME	AMOUNT
lo100	hsbc	10000
lo101	icic	15000
lo102	pnb	10000
lo103	iob	20000
lo104	hsbc	25000
lo105	icic	20000
lo106	pnb	30000
lo107	iob	35000
lo108	hsbc	10000
lo109	icic	15000
lo110	pnb	20000

11 rows selected.

BORROWER SCHEMA:

SQL> insert into borrower values('&customer_name','&loan_no');

Enter value for customer_name: kartik

Enter value for loan_no: lo100

old 1: insert into borrower values('&customer_name','&loan_no')

new 1: insert into borrower values('kartik','lo100')

1 row created.

SQL> /

Enter value for customer_name: shweta

Enter value for loan_no: lo101

old 1: insert into borrower values('&customer_name','&loan_no')

new 1: insert into borrower values('shweta','lo101')

1 row created.

SQL> /

Enter value for customer_name: ankita

Enter value for loan_no: lo102

old 1: insert into borrower values('&customer_name','&loan_no')

new 1: insert into borrower values('ankita','lo102')

1 row created.

SQL> /

Enter value for customer_name: raju

Enter value for loan_no: lo103

old 1: insert into borrower values('&customer_name','&loan_no')

new 1: insert into borrower values('raju','lo103')

1 row created.

SQL> /

Enter value for customer_name: rakesh

Enter value for loan_no: lo104

old 1: insert into borrower values('&customer_name','&loan_no')

new 1: insert into borrower values('rakesh','lo104')

1 row created.

SQL> /

Enter value for customer_name: ramesh

Enter value for loan_no: lo105

old 1: insert into borrower values('&customer_name','&loan_no')

new 1: insert into borrower values('ramesh','lo105')

1 row created.

SQL> /

Enter value for customer_name: aditya

Enter value for loan_no: lo106

old 1: insert into borrower values('&customer_name','&loan_no')

new 1: insert into borrower values('aditya','lo106')

1 row created.

SQL> /

Enter value for customer_name: ankit

Enter value for loan_no: lo107

old 1: insert into borrower values('&customer_name','&loan_no')

new 1: insert into borrower values('ankit','lo107')

1 row created.

SQL> /

Enter value for customer_name: kadam

Enter value for loan_no: lo108

old 1: insert into borrower values('&customer_name','&loan_no')

new 1: insert into borrower values('kadam','lo108')

1 row created.

SQL> /

Enter value for customer_name: aman

Enter value for loan_no: lo109

old 1: insert into borrower values('&customer_name','&loan_no')

new 1: insert into borrower values('aman','lo109')

1 row created.

SQL> /

Enter value for customer_name: atif

Enter value for loan_no: lo110

old 1: insert into borrower values('&customer_name','&loan_no')

new 1: insert into borrower values('atif','lo110')

1 row created.

SQL> /

Enter value for customer_name: namya

Enter value for loan_no: lo100

old 1: insert into borrower values('&customer_name','&loan_no')

new 1: insert into borrower values('namya','lo100')

1 row created.

SQL> select*from borrower;

CUSTOMER_NAME	LOAN_NO
---------------	---------

aditya	lo106
aman	lo109
ankit	lo107
ankita	lo102
atif	lo110
kadam	lo108
kartik	lo100
namya	lo100
raju	lo103
rakesh	lo104
ramesh	lo105

CUSTOMER_NAME	LOAN_NO
---------------	---------

shweta	lo101
--------	-------

12 rows selected.

```
SQL> insert into borrower values('&customer_name','&loan_no');
```

Enter value for customer_name: nitya

Enter value for loan_no: lo102

```
old 1: insert into borrower values('&customer_name','&loan_no')
```

```
new 1: insert into borrower values('nitya','lo102')
```

1 row created.

```
SQL> select*from borrower;
```

CUSTOMER_NAME	LOAN_NO
---------------	---------

aditya	lo106
aman	lo109
ankit	lo107
ankita	lo102
atif	lo110
kadam	lo108
kartik	lo100
namya	lo100
nitya	lo102
raju	lo103
rakesh	lo104

CUSTOMER_NAME	LOAN_NO
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ramesh	lo105
shweta	lo101

13 rows selected.

```
SQL> commit;
```


Commit complete.

```
SQL> insert into branch1 select branch_name,branch_city from branch;
```

6 rows created.

INSERTING TUPLES FROM EXISTING TABLES:

```
SQL> select*from branch1;
```

BRNAME	CITY
--------	------

icici	mardurai
sbi	trichy
hdfc	salem
hsbc	ahemdabad
pnb	mumbai
iob	chennai

6 rows selected.

```
SQL> select *from customer1;
```

```
SQL> insert into customer1 select customer_name, customer_street,customer_city from customer where  
customer_city='trichy';
```

4 rows created.

```
SQL> commit;
```

Commit complete.

```
SQL> spool off
```