SQL\*Plus: Release 11.2.0.2.0 Production on Wed Jul 31 09:34:12 2019

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SQL> conn system

Enter password:

Connected.

SQL> ed

SP2-0107: Nothing to save.

SQL> create table ACCOUNT(

2 Account\_id number(10,0) primary key,

3 Avail\_balance float,

4 Close\_date date,

5 Last\_activity\_date date,

6 Open\_date date not null,

7 Pending\_balance float,

8 Status varchar2(10),

9 Cust\_id number(10,0),

10 Open\_branch\_id number(10,0),

11 Open\_emp\_id number(10,0));

Table created.

SQL> create table Acc\_transaction(

2 Txn\_id number(19,0) primary key,

3 Amount float not null,

4

SQL> ed

Wrote file afiedt.buf

1 create table Branch(

2 Branch\_id number(10,0) primary key,

3 Address varchar2(30),

4 City varchar2(20),

5 Name varchar2(20) not null,

6 State varchar2(10),

7\* Zip\_code varchar2(12));

SQL> /

Zip\_code varchar2(12));

\*

ERROR at line 7:

ORA-00911: invalid character

SQL> ed

Wrote file afiedt.buf

1 create table Branch(

2 Branch\_id number(10,0) primary key,

3 Address varchar2(30),

4 City varchar2(20),

5 Name varchar2(20) not null,

6 State varchar2(10),

7\* Zip\_code varchar2(12))

SQL> ;

1 create table Branch(

2 Branch\_id number(10,0) primary key,

3 Address varchar2(30),

4 City varchar2(20),

5 Name varchar2(20) not null,

6 State varchar2(10),

7\* Zip\_code varchar2(12))

SQL> ;

1 create table Branch(

2 Branch\_id number(10,0) primary key,

3 Address varchar2(30),

4 City varchar2(20),

5 Name varchar2(20) not null,

6 State varchar2(10),

7\* Zip\_code varchar2(12))

SQL> /

Table created.

SQL> ed

Wrote file afiedt.buf

1 create table Customer(

2 Cust\_id number(10,0) primary key,

3 Address varchar2(30),

4 City varchar2(20) not null,

5 Cust\_type\_id varchar2(1) not null,

6 Fed\_id varchar2(12) not null,

7 Postal\_code varchar2(10),

8\* State varchar2(20))

SQL> /

Table created.

SQL> ed

Wrote file afiedt.buf

1 create table Department(

2 Dept\_id number(10,0) primary key,

3\* Name varchar2(20) not null)

SQL> /

Table created.

SQL> ed

Wrote file afiedt.buf

1 create table Employee(

2 Emp\_id number(10,0) primary key,

3 End\_date date,

4 First\_name varchar2(20) not null,

5 Last\_name varchar2(20) not null,

6 Start\_date date not null,

7 Title varchar2(20),

8 Assigned\_branch\_id number(10,0) references Branch(Branch\_id),

9 Dept\_id number(10,0) references Department(Dept\_id),

10\* Superior\_emp\_id number(10,0) references Employee(Emp\_id))

SQL> /

Table created.

SQL> ed

Wrote file afiedt.buf

1 create table Acc\_transaction(

2 Txn\_id number(19,0) primary key,

3 Amount float not null,

4 Funds\_avail\_date date not null,

5 Txn\_date date not null,

6 Txn\_type\_cd varchar2(10),

7 Account\_id number(10,0) references Account(Account\_id),

8 Execution\_branch\_id number(10,0) references(Branch\_id),

9\* Teller\_emp\_id number(10,0) references Employee(Emp\_id))

SQL> /

Execution\_branch\_id number(10,0) references(Branch\_id),

\*

ERROR at line 8:

ORA-00903: invalid table name

SQL> ed

Wrote file afiedt.buf

1 create table Acc\_transaction(

2 Txn\_id number(19,0) primary key,

3 Amount float not null,

4 Funds\_avail\_date date not null,

5 Txn\_date date not null,

6 Txn\_type\_cd varchar2(10),

7 Account\_id number(10,0) references Account(Account\_id),

8 Execution\_branch\_id number(10,0) references Branch(Branch\_id),

9\* Teller\_emp\_id number(10,0) references Employee(Emp\_id))

SQL> /

Table created.

SQL> truncate table ACCOUNT;

truncate table ACCOUNT

\*

ERROR at line 1:

ORA-02266: unique/primary keys in table referenced by enabled foreign keys

SQL> alter table ACCOUNT add(foreign key(Cust\_id) references Customer(Cust\_id));

Table altered.

SQL> desc ACCOUNT

Name Null? Type

----------------------------------------- -------- ----------------------------

ACCOUNT\_ID NOT NULL NUMBER(10)

AVAIL\_BALANCE FLOAT(126)

CLOSE\_DATE DATE

LAST\_ACTIVITY\_DATE DATE

OPEN\_DATE NOT NULL DATE

PENDING\_BALANCE FLOAT(126)

STATUS VARCHAR2(10)

CUST\_ID NUMBER(10)

OPEN\_BRANCH\_ID NUMBER(10)

OPEN\_EMP\_ID NUMBER(10)

SQL> desc ACC\_TRANSACTION

Name Null? Type

----------------------------------------- -------- ----------------------------

TXN\_ID NOT NULL NUMBER(19)

AMOUNT NOT NULL FLOAT(126)

FUNDS\_AVAIL\_DATE NOT NULL DATE

TXN\_DATE NOT NULL DATE

TXN\_TYPE\_CD VARCHAR2(10)

ACCOUNT\_ID NUMBER(10)

EXECUTION\_BRANCH\_ID NUMBER(10)

TELLER\_EMP\_ID NUMBER(10)

SQL> desc bRANCH

Name Null? Type

----------------------------------------- -------- ----------------------------

BRANCH\_ID NOT NULL NUMBER(10)

ADDRESS VARCHAR2(30)

CITY VARCHAR2(20)

NAME NOT NULL VARCHAR2(20)

STATE VARCHAR2(10)

ZIP\_CODE VARCHAR2(12)

SQL> desc Customer

Name Null? Type

----------------------------------------- -------- ----------------------------

CUST\_ID NOT NULL NUMBER(10)

ADDRESS VARCHAR2(30)

CITY NOT NULL VARCHAR2(20)

CUST\_TYPE\_ID NOT NULL VARCHAR2(1)

FED\_ID NOT NULL VARCHAR2(12)

POSTAL\_CODE VARCHAR2(10)

STATE VARCHAR2(20)

SQL> desc department

Name Null? Type

----------------------------------------- -------- ----------------------------

DEPT\_ID NOT NULL NUMBER(10)

NAME NOT NULL VARCHAR2(20)

SQL> desc employee

Name Null? Type

----------------------------------------- -------- ----------------------------

EMP\_ID NOT NULL NUMBER(10)

END\_DATE DATE

FIRST\_NAME NOT NULL VARCHAR2(20)

LAST\_NAME NOT NULL VARCHAR2(20)

START\_DATE NOT NULL DATE

TITLE VARCHAR2(20)

ASSIGNED\_BRANCH\_ID NUMBER(10)

DEPT\_ID NUMBER(10)

SUPERIOR\_EMP\_ID NUMBER(10)

SQL> alter table ACCOUNT add(foreign key(Open\_branch\_id) references Branch(Branch\_id));

Table altered.

SQL> alter table ACCOUNT add(foreign key(Open\_emp\_id) references Employee(Emp\_id));

Table altered.

SQL> ed

Wrote file afiedt.buf

1\* insert into Department values(&Dept\_id, &Name)

SQL> /

Enter value for dept\_id: 101

Enter value for name: Jacob

old 1: insert into Department values(&Dept\_id, &Name)

new 1: insert into Department values(101, Jacob)

insert into Department values(101, Jacob)

\*

ERROR at line 1:

ORA-00984: column not allowed here

SQL> ed

Wrote file afiedt.buf

1\* insert into Department values(&Dept\_id, '&Name')

2 /

Enter value for dept\_id: 101

Enter value for name: jacob

old 1: insert into Department values(&Dept\_id, '&Name')

new 1: insert into Department values(101, 'jacob')

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Department values(&Dept\_id, '&Name')

2 /

Enter value for dept\_id: 102

Enter value for name: anne

old 1: insert into Department values(&Dept\_id, '&Name')

new 1: insert into Department values(102, 'anne')

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Department values(&Dept\_id, '&Name')

2 /

Enter value for dept\_id: 105

Enter value for name: frank

old 1: insert into Department values(&Dept\_id, '&Name')

new 1: insert into Department values(105, 'frank')

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Department values(&Dept\_id, '&Name')

2 /

Enter value for dept\_id: 108

Enter value for name: simpson

old 1: insert into Department values(&Dept\_id, '&Name')

new 1: insert into Department values(108, 'simpson')

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Department values(&Dept\_id, '&Name')

SQL> /

Enter value for dept\_id: 107

Enter value for name: waldo

old 1: insert into Department values(&Dept\_id, '&Name')

new 1: insert into Department values(107, 'waldo')

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Department values(&Dept\_id, '&Name')

SQL> /

Enter value for dept\_id: 106

Enter value for name: edward

old 1: insert into Department values(&Dept\_id, '&Name')

new 1: insert into Department values(106, 'edward')

1 row created.

SQL> select \* from Department;

DEPT\_ID NAME

---------- --------------------

101 jacob

102 anne

105 frank

108 simpson

107 waldo

106 edward

6 rows selected.

SQL> ed

Wrote file afiedt.buf

1\* select \* from Department

SQL> ,

SP2-0042: unknown command "," - rest of line ignored.

SQL> insert into Branch values(&Branch\_id, '&Address', '&City', '&Name', '&State', '&Zip\_code');

Enter value for branch\_id: 1101

Enter value for address: XY lane, US

Enter value for city: F

Enter value for name: Toro

Enter value for state: Io

Enter value for zip\_code: 23667

old 1: insert into Branch values(&Branch\_id, '&Address', '&City', '&Name', '&State', '&Zip\_code')

new 1: insert into Branch values(1101, 'XY lane, US', 'F', 'Toro', 'Io', '23667')

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Branch values(&Branch\_id, '&Address', '&City', '&Name', '&State', '&Zip\_code')

SQL> /

Enter value for branch\_id: 1104

Enter value for address: TR lane, Russia

Enter value for city: R

Enter value for name: Boxo

Enter value for state: Epi

Enter value for zip\_code: 77880

old 1: insert into Branch values(&Branch\_id, '&Address', '&City', '&Name', '&State', '&Zip\_code')

new 1: insert into Branch values(1104, 'TR lane, Russia', 'R', 'Boxo', 'Epi', '77880')

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Branch values(&Branch\_id, '&Address', '&City', '&Name', '&State', '&Zip\_code')

SQL> /

Enter value for branch\_id: 1102

Enter value for address: ER lane, SA

Enter value for city: P

Enter value for name: Abon

Enter value for state: Wiom

Enter value for zip\_code: 44567

old 1: insert into Branch values(&Branch\_id, '&Address', '&City', '&Name', '&State', '&Zip\_code')

new 1: insert into Branch values(1102, 'ER lane, SA', 'P', 'Abon', 'Wiom', '44567')

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Branch values(&Branch\_id, '&Address', '&City', '&Name', '&State', '&Zip\_code')

SQL> /

Enter value for branch\_id: 1104

Enter value for address: ER lane, SA

Enter value for city: T

Enter value for name: Vtox

Enter value for state: Romq

Enter value for zip\_code: 44578

old 1: insert into Branch values(&Branch\_id, '&Address', '&City', '&Name', '&State', '&Zip\_code')

new 1: insert into Branch values(1104, 'ER lane, SA', 'T', 'Vtox', 'Romq', '44578')

insert into Branch values(1104, 'ER lane, SA', 'T', 'Vtox', 'Romq', '44578')

\*

ERROR at line 1:

ORA-00001: unique constraint (SYSTEM.SYS\_C007139) violated

SQL> ed

Wrote file afiedt.buf

1\* insert into Branch values(&Branch\_id, '&Address', '&City', '&Name', '&State', '&Zip\_code')

SQL> /

Enter value for branch\_id: 1105

Enter value for address: ER lane, SA

Enter value for city: T

Enter value for name: Vtox

Enter value for state: Romq

Enter value for zip\_code: 44578

old 1: insert into Branch values(&Branch\_id, '&Address', '&City', '&Name', '&State', '&Zip\_code')

new 1: insert into Branch values(1105, 'ER lane, SA', 'T', 'Vtox', 'Romq', '44578')

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Branch values(&Branch\_id, '&Address', '&City', '&Name', '&State', '&Zip\_code')

SQL> /

Enter value for branch\_id: 1108

Enter value for address: EY lane, Ind

Enter value for city: U

Enter value for name: Ghok

Enter value for state: Joml

Enter value for zip\_code: 56889

old 1: insert into Branch values(&Branch\_id, '&Address', '&City', '&Name', '&State', '&Zip\_code')

new 1: insert into Branch values(1108, 'EY lane, Ind', 'U', 'Ghok', 'Joml', '56889')

1 row created.

SQL> select \* from Branch;

BRANCH\_ID ADDRESS CITY

---------- ------------------------------ --------------------

NAME STATE ZIP\_CODE

-------------------- ---------- ------------

1101 XY lane, US F

Toro Io 23667

1104 TR lane, Russia R

Boxo Epi 77880

1102 ER lane, SA P

Abon Wiom 44567

BRANCH\_ID ADDRESS CITY

---------- ------------------------------ --------------------

NAME STATE ZIP\_CODE

-------------------- ---------- ------------

1105 ER lane, SA T

Vtox Romq 44578

1108 EY lane, Ind U

Ghok Joml 56889

SQL> ed

Wrote file afiedt.buf

1\* select \* from Branch

SQL> insert into Branch values(&Branch\_id, '&Address', '&City', '&Name', '&State', '&Zip\_code');

Enter value for branch\_id: 1107

Enter value for address: QI lane, Can

Enter value for city: J

Enter value for name: Tibn

Enter value for state: Cfho

Enter value for zip\_code: 67890

old 1: insert into Branch values(&Branch\_id, '&Address', '&City', '&Name', '&State', '&Zip\_code')

new 1: insert into Branch values(1107, 'QI lane, Can', 'J', 'Tibn', 'Cfho', '67890')

1 row created.

SQL> select \* from Branch;

BRANCH\_ID ADDRESS CITY

---------- ------------------------------ --------------------

NAME STATE ZIP\_CODE

-------------------- ---------- ------------

1101 XY lane, US F

Toro Io 23667

1104 TR lane, Russia R

Boxo Epi 77880

1102 ER lane, SA P

Abon Wiom 44567

BRANCH\_ID ADDRESS CITY

---------- ------------------------------ --------------------

NAME STATE ZIP\_CODE

-------------------- ---------- ------------

1105 ER lane, SA T

Vtox Romq 44578

1108 EY lane, Ind U

Ghok Joml 56889

1107 QI lane, Can J

Tibn Cfho 67890

6 rows selected.

SQL> set line 100;

SQL> select \* from Branch;

BRANCH\_ID ADDRESS CITY NAME STATE

---------- ------------------------------ -------------------- -------------------- ----------

ZIP\_CODE

------------

1101 XY lane, US F Toro Io

23667

1104 TR lane, Russia R Boxo Epi

77880

1102 ER lane, SA P Abon Wiom

44567

BRANCH\_ID ADDRESS CITY NAME STATE

---------- ------------------------------ -------------------- -------------------- ----------

ZIP\_CODE

------------

1105 ER lane, SA T Vtox Romq

44578

1108 EY lane, Ind U Ghok Joml

56889

1107 QI lane, Can J Tibn Cfho

67890

6 rows selected.

SQL> set line 180;

SQL> select \* from Branch;

BRANCH\_ID ADDRESS CITY NAME STATE ZIP\_CODE

---------- ------------------------------ -------------------- -------------------- ---------- ------------

1101 XY lane, US F Toro Io 23667

1104 TR lane, Russia R Boxo Epi 77880

1102 ER lane, SA P Abon Wiom 44567

1105 ER lane, SA T Vtox Romq 44578

1108 EY lane, Ind U Ghok Joml 56889

1107 QI lane, Can J Tibn Cfho 67890

6 rows selected.

SQL> ed

Wrote file afiedt.buf

1\* insert into Branch values(&Branch\_id, '&Address', '&City', '&Name', '&State', '&Zip\_code')

SQL> /

Enter value for branch\_id: 1

Enter value for address: EY lane, Ind

Enter value for city: J

Enter value for name: Tibn

Enter value for state: Cfho

Enter value for zip\_code: 47668

old 1: insert into Branch values(&Branch\_id, '&Address', '&City', '&Name', '&State', '&Zip\_code')

new 1: insert into Branch values(1, 'EY lane, Ind', 'J', 'Tibn', 'Cfho', '47668')

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Branch values(&Branch\_id, '&Address', '&City', '&Name', '&State', '&Zip\_code')

SQL> /

Enter value for branch\_id: 2

Enter value for address: ER lane, SA

Enter value for city: U

Enter value for name: Ghok

Enter value for state: Romq

Enter value for zip\_code: 34557

old 1: insert into Branch values(&Branch\_id, '&Address', '&City', '&Name', '&State', '&Zip\_code')

new 1: insert into Branch values(2, 'ER lane, SA', 'U', 'Ghok', 'Romq', '34557')

1 row created.

SQL> select \* from Branch;

BRANCH\_ID ADDRESS CITY NAME STATE ZIP\_CODE

---------- ------------------------------ -------------------- -------------------- ---------- ------------

1101 XY lane, US F Toro Io 23667

1104 TR lane, Russia R Boxo Epi 77880

1102 ER lane, SA P Abon Wiom 44567

1105 ER lane, SA T Vtox Romq 44578

1108 EY lane, Ind U Ghok Joml 56889

1107 QI lane, Can J Tibn Cfho 67890

1 EY lane, Ind J Tibn Cfho 47668

2 ER lane, SA U Ghok Romq 34557

8 rows selected.

SQL> ed

Wrote file afiedt.buf

1\* insert into Customer values(&Cust\_id, '&Address', '&City', '&Cust\_type\_id', '&Fed\_id', '&Postal\_code', '&State')

SQL> /

Enter value for cust\_id: 3001

Enter value for address: ABC, Rome

Enter value for city: T

Enter value for cust\_type\_id: W

Enter value for fed\_id: Tuui

Enter value for postal\_code: 56680

Enter value for state: Ryu

old 1: insert into Customer values(&Cust\_id, '&Address', '&City', '&Cust\_type\_id', '&Fed\_id', '&Postal\_code', '&State')

new 1: insert into Customer values(3001, 'ABC, Rome', 'T', 'W', 'Tuui', '56680', 'Ryu')

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Customer values(&Cust\_id, '&Address', '&City', '&Cust\_type\_id', '&Fed\_id', '&Postal\_code', '&State')

SQL> /

Enter value for cust\_id: 3002

Enter value for address: Rto, zone

Enter value for city: E

Enter value for cust\_type\_id: O

Enter value for fed\_id: X

Enter value for postal\_code: 56789

Enter value for state: Erue

old 1: insert into Customer values(&Cust\_id, '&Address', '&City', '&Cust\_type\_id', '&Fed\_id', '&Postal\_code', '&State')

new 1: insert into Customer values(3002, 'Rto, zone', 'E', 'O', 'X', '56789', 'Erue')

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Customer values(&Cust\_id, '&Address', '&City', '&Cust\_type\_id', '&Fed\_id', '&Postal\_code', '&State')

SQL> /

Enter value for cust\_id: 3003

Enter value for address: Rommn

Enter value for city: Rty

Enter value for cust\_type\_id: G

Enter value for fed\_id: ty

Enter value for postal\_code: 49901

Enter value for state: Romn

old 1: insert into Customer values(&Cust\_id, '&Address', '&City', '&Cust\_type\_id', '&Fed\_id', '&Postal\_code', '&State')

new 1: insert into Customer values(3003, 'Rommn', 'Rty', 'G', 'ty', '49901', 'Romn')

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Customer values(&Cust\_id, '&Address', '&City', '&Cust\_type\_id', '&Fed\_id', '&Postal\_code', '&State')

SQL> /

Enter value for cust\_id: 3004

Enter value for address: Wllk

Enter value for city: Tuio

Enter value for cust\_type\_id: L

Enter value for fed\_id: tuy

Enter value for postal\_code: 50084

Enter value for state: Dool

old 1: insert into Customer values(&Cust\_id, '&Address', '&City', '&Cust\_type\_id', '&Fed\_id', '&Postal\_code', '&State')

new 1: insert into Customer values(3004, 'Wllk', 'Tuio', 'L', 'tuy', '50084', 'Dool')

1 row created.

SQL> select \* from Customer;

CUST\_ID ADDRESS CITY C FED\_ID POSTAL\_COD STATE

---------- ------------------------------ -------------------- - ------------ ---------- --------------------

3001 ABC, Rome T W Tuui 56680 Ryu

3002 Rto, zone E O X 56789 Erue

3003 Rommn Rty G ty 49901 Romn

3004 Wllk Tuio L tuy 50084 Dool

SQL> ed

Wrote file afiedt.buf

1\* insert into Employee values(&Emp\_id, '&End\_date, '&First\_name', '&Last\_name', '&Start\_date', '&Title', &Assigned\_branch\_id, &Dept\_id, &Superior\_emp\_id)

SQL> /

Enter value for emp\_id: ;

Enter value for end\_date: .

Enter value for first\_name: .

Enter value for last\_name: .

Enter value for start\_date: .

Enter value for title: /.

Enter value for assigned\_branch\_id: ,

Enter value for dept\_id: ,

Enter value for superior\_emp\_id: ,

old 1: insert into Employee values(&Emp\_id, '&End\_date, '&First\_name', '&Last\_name', '&Start\_date', '&Title', &Assigned\_branch\_id, &Dept\_id, &Superior\_emp\_id)

new 1: insert into Employee values(;, '., '.', '.', '.', '/.', ,, ,, ,)

ERROR:

ORA-01756: quoted string not properly terminated

SQL> ed

Wrote file afiedt.buf

1\* insert into Employee values(&Emp\_id, '&End\_date', '&First\_name', '&Last\_name', '&Start\_date', '&Title', &Assigned\_branch\_id, &Dept\_id, &Superior\_emp\_id)

SQL> /

Enter value for emp\_id: 4001

Enter value for end\_date: 01/12/2017

Enter value for first\_name: Ali

Enter value for last\_name: S

Enter value for start\_date: 11/01/2001

Enter value for title: prof

Enter value for assigned\_branch\_id: 1101

Enter value for dept\_id: 101

Enter value for superior\_emp\_id: 4003

old 1: insert into Employee values(&Emp\_id, '&End\_date', '&First\_name', '&Last\_name', '&Start\_date', '&Title', &Assigned\_branch\_id, &Dept\_id, &Superior\_emp\_id)

new 1: insert into Employee values(4001, '01/12/2017', 'Ali', 'S', '11/01/2001', 'prof', 1101, 101, 4003)

insert into Employee values(4001, '01/12/2017', 'Ali', 'S', '11/01/2001', 'prof', 1101, 101, 4003)

\*

ERROR at line 1:

ORA-01843: not a valid month

SQL> ed

Wrote file afiedt.buf

1\* insert into Employee values(&Emp\_id, '&End\_date', '&First\_name', '&Last\_name', '&Start\_date', '&Title', &Assigned\_branch\_id, &Dept\_id, &Superior\_emp\_id)

2 /

Enter value for emp\_id: 4001

Enter value for end\_date: 03/01/2017

Enter value for first\_name: Ali

Enter value for last\_name: S

Enter value for start\_date: 11/01/2001

Enter value for title: prof

Enter value for assigned\_branch\_id: 1101

Enter value for dept\_id: 101

Enter value for superior\_emp\_id: 4003

old 1: insert into Employee values(&Emp\_id, '&End\_date', '&First\_name', '&Last\_name', '&Start\_date', '&Title', &Assigned\_branch\_id, &Dept\_id, &Superior\_emp\_id)

new 1: insert into Employee values(4001, '03/01/2017', 'Ali', 'S', '11/01/2001', 'prof', 1101, 101, 4003)

insert into Employee values(4001, '03/01/2017', 'Ali', 'S', '11/01/2001', 'prof', 1101, 101, 4003)

\*

ERROR at line 1:

ORA-01843: not a valid month

SQL> ed

Wrote file afiedt.buf

1\* insert into Employee values(&Emp\_id, '&End\_date', '&First\_name', '&Last\_name', '&Start\_date', '&Title', &Assigned\_branch\_id, &Dept\_id, &Superior\_emp\_id)

SQL> /

Enter value for emp\_id: 4001

Enter value for end\_date: 3-jan-2017

Enter value for first\_name: Ali

Enter value for last\_name: S

Enter value for start\_date: 11-jan-2001

Enter value for title: Prof

Enter value for assigned\_branch\_id: 1101

Enter value for dept\_id: 101

Enter value for superior\_emp\_id: 4003

old 1: insert into Employee values(&Emp\_id, '&End\_date', '&First\_name', '&Last\_name', '&Start\_date', '&Title', &Assigned\_branch\_id, &Dept\_id, &Superior\_emp\_id)

new 1: insert into Employee values(4001, '3-jan-2017', 'Ali', 'S', '11-jan-2001', 'Prof', 1101, 101, 4003)

insert into Employee values(4001, '3-jan-2017', 'Ali', 'S', '11-jan-2001', 'Prof', 1101, 101, 4003)

\*

ERROR at line 1:

ORA-02291: integrity constraint (SYSTEM.SYS\_C007152) violated - parent key not found

SQL> ed

Wrote file afiedt.buf

1\* insert into Employee values(&Emp\_id, '&End\_date', '&First\_name', '&Last\_name', '&Start\_date', '&Title', &Assigned\_branch\_id, &Dept\_id, &Superior\_emp\_id)

SQL> /

Enter value for emp\_id: 4003

Enter value for end\_date: 3-jan-2017

Enter value for first\_name: Ali

Enter value for last\_name: S

Enter value for start\_date: 11-jan-2001

Enter value for title: Prof

Enter value for assigned\_branch\_id: 1101

Enter value for dept\_id: 101

Enter value for superior\_emp\_id: 4003

old 1: insert into Employee values(&Emp\_id, '&End\_date', '&First\_name', '&Last\_name', '&Start\_date', '&Title', &Assigned\_branch\_id, &Dept\_id, &Superior\_emp\_id)

new 1: insert into Employee values(4003, '3-jan-2017', 'Ali', 'S', '11-jan-2001', 'Prof', 1101, 101, 4003)

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Employee values(&Emp\_id, '&End\_date', '&First\_name', '&Last\_name', '&Start\_date', '&Title', &Assigned\_branch\_id, &Dept\_id, &Superior\_emp\_id)

SQL> /

Enter value for emp\_id: 4001

Enter value for end\_date: 3-feb-2019

Enter value for first\_name: Chan

Enter value for last\_name: R

Enter value for start\_date: 4-mar-1997

Enter value for title: Mr

Enter value for assigned\_branch\_id: 1108

Enter value for dept\_id: 102

Enter value for superior\_emp\_id: 4003

old 1: insert into Employee values(&Emp\_id, '&End\_date', '&First\_name', '&Last\_name', '&Start\_date', '&Title', &Assigned\_branch\_id, &Dept\_id, &Superior\_emp\_id)

new 1: insert into Employee values(4001, '3-feb-2019', 'Chan', 'R', '4-mar-1997', 'Mr', 1108, 102, 4003)

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Employee values(&Emp\_id, '&End\_date', '&First\_name', '&Last\_name', '&Start\_date', '&Title', &Assigned\_branch\_id, &Dept\_id, &Superior\_emp\_id)

SQL> /

Enter value for emp\_id: 4002

Enter value for end\_date: 3-jul-2019

Enter value for first\_name: Som

Enter value for last\_name: H

Enter value for start\_date: 2-apr-2000

Enter value for title: XX

Enter value for assigned\_branch\_id: 2

Enter value for dept\_id: 102

Enter value for superior\_emp\_id: 4001

old 1: insert into Employee values(&Emp\_id, '&End\_date', '&First\_name', '&Last\_name', '&Start\_date', '&Title', &Assigned\_branch\_id, &Dept\_id, &Superior\_emp\_id)

new 1: insert into Employee values(4002, '3-jul-2019', 'Som', 'H', '2-apr-2000', 'XX', 2, 102, 4001)

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Employee values(&Emp\_id, '&End\_date', '&First\_name', '&Last\_name', '&Start\_date', '&Title', &Assigned\_branch\_id, &Dept\_id, &Superior\_emp\_id)

SQL> /

Enter value for emp\_id: 4004

Enter value for end\_date: 17-aug-2020

Enter value for first\_name: Sriyam

Enter value for last\_name: T

Enter value for start\_date: 22-jun-2000

Enter value for title: RR

Enter value for assigned\_branch\_id: 1

Enter value for dept\_id: 107

Enter value for superior\_emp\_id: 4003

old 1: insert into Employee values(&Emp\_id, '&End\_date', '&First\_name', '&Last\_name', '&Start\_date', '&Title', &Assigned\_branch\_id, &Dept\_id, &Superior\_emp\_id)

new 1: insert into Employee values(4004, '17-aug-2020', 'Sriyam', 'T', '22-jun-2000', 'RR', 1, 107, 4003)

1 row created.

SQL> select \* from Employee;

EMP\_ID END\_DATE FIRST\_NAME LAST\_NAME START\_DAT TITLE ASSIGNED\_BRANCH\_ID DEPT\_ID SUPERIOR\_EMP\_ID

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4003 03-JAN-17 Ali S 11-JAN-01 Prof 1101 101 4003

4001 03-FEB-19 Chan R 04-MAR-97 Mr 1108 102 4003

4002 03-JUL-19 Som H 02-APR-00 XX 2 102 4001

4004 17-AUG-20 Sriyam T 22-JUN-00 RR 1 107 4003

SQL> insert into ACCOUNT values(&Account\_id, &Avail\_balance, '&Close\_date', '&Last\_activity\_date', '&Open\_date', '&Pending\_balance', '&Status', &Cust\_id, &Open\_branch\_id, &Open\_emp\_id);

Enter value for account\_id: 201

Enter value for avail\_balance: 76999

Enter value for close\_date: 9-dec-2020

Enter value for last\_activity\_date: 8-aug-2018

Enter value for open\_date: 5-mar-2000

Enter value for pending\_balance: 0

Enter value for status: inactive

Enter value for cust\_id: 3002

Enter value for open\_branch\_id: 2

Enter value for open\_emp\_id: 4002

old 1: insert into ACCOUNT values(&Account\_id, &Avail\_balance, '&Close\_date', '&Last\_activity\_date', '&Open\_date', '&Pending\_balance', '&Status', &Cust\_id, &Open\_branch\_id, &Open\_emp\_id)

new 1: insert into ACCOUNT values(201, 76999, '9-dec-2020', '8-aug-2018', '5-mar-2000', '0', 'inactive', 3002, 2, 4002)

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into ACCOUNT values(&Account\_id, &Avail\_balance, '&Close\_date', '&Last\_activity\_date', '&Open\_date', '&Pending\_balance', '&Status', &Cust\_id, &Open\_branch\_id, &Open\_emp\_id)

SQL> /

Enter value for account\_id: 202

Enter value for avail\_balance: 567000

Enter value for close\_date: 30-mar-2019

Enter value for last\_activity\_date: 4-jan-2019

Enter value for open\_date: 17-jul-2010

Enter value for pending\_balance: 5679

Enter value for status: active

Enter value for cust\_id: 3001

Enter value for open\_branch\_id: 1

Enter value for open\_emp\_id: 4003

old 1: insert into ACCOUNT values(&Account\_id, &Avail\_balance, '&Close\_date', '&Last\_activity\_date', '&Open\_date', '&Pending\_balance', '&Status', &Cust\_id, &Open\_branch\_id, &Open\_emp\_id)

new 1: insert into ACCOUNT values(202, 567000, '30-mar-2019', '4-jan-2019', '17-jul-2010', '5679', 'active', 3001, 1, 4003)

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into ACCOUNT values(&Account\_id, &Avail\_balance, '&Close\_date', '&Last\_activity\_date', '&Open\_date', '&Pending\_balance', '&Status', &Cust\_id, &Open\_branch\_id, &Open\_emp\_id)

SQL> /

Enter value for account\_id: 203

Enter value for avail\_balance: 674930

Enter value for close\_date: 5-aug-2020

Enter value for last\_activity\_date: 6-mar-2019

Enter value for open\_date: 4-jan-1998

Enter value for pending\_balance: 988

Enter value for status: active

Enter value for cust\_id: 3004

Enter value for open\_branch\_id: 2

Enter value for open\_emp\_id: 4002

old 1: insert into ACCOUNT values(&Account\_id, &Avail\_balance, '&Close\_date', '&Last\_activity\_date', '&Open\_date', '&Pending\_balance', '&Status', &Cust\_id, &Open\_branch\_id, &Open\_emp\_id)

new 1: insert into ACCOUNT values(203, 674930, '5-aug-2020', '6-mar-2019', '4-jan-1998', '988', 'active', 3004, 2, 4002)

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into ACCOUNT values(&Account\_id, &Avail\_balance, '&Close\_date', '&Last\_activity\_date', '&Open\_date', '&Pending\_balance', '&Status', &Cust\_id, &Open\_branch\_id, &Open\_emp\_id)

SQL> /

Enter value for account\_id: 204

Enter value for avail\_balance: 683

Enter value for close\_date: 20-jul-2019

Enter value for last\_activity\_date: 3-jul-2019

Enter value for open\_date: 5-aug-2015

Enter value for pending\_balance: 0

Enter value for status: active

Enter value for cust\_id: 3003

Enter value for open\_branch\_id: 2

Enter value for open\_emp\_id: 4001

old 1: insert into ACCOUNT values(&Account\_id, &Avail\_balance, '&Close\_date', '&Last\_activity\_date', '&Open\_date', '&Pending\_balance', '&Status', &Cust\_id, &Open\_branch\_id, &Open\_emp\_id)

new 1: insert into ACCOUNT values(204, 683, '20-jul-2019', '3-jul-2019', '5-aug-2015', '0', 'active', 3003, 2, 4001)

1 row created.

SQL> select \* from ACCOUNT;

ACCOUNT\_ID AVAIL\_BALANCE CLOSE\_DAT LAST\_ACTI OPEN\_DATE PENDING\_BALANCE STATUS CUST\_ID OPEN\_BRANCH\_ID OPEN\_EMP\_ID

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201 76999 09-DEC-20 08-AUG-18 05-MAR-00 0 inactive 3002 2 4002

202 567000 30-MAR-19 04-JAN-19 17-JUL-10 5679 active 3001 1 4003

203 674930 05-AUG-20 06-MAR-19 04-JAN-98 988 active 3004 2 4002

204 683 20-JUL-19 03-JUL-19 05-AUG-15 0 active 3003 2 4001

SQL> ED

Wrote file afiedt.buf

1\* insert into Acc\_transaction values(&Txn\_id,&Amount,'&Funds\_avail\_date','&Txn\_date','&Txn\_type\_cd',&Account\_id,&Execution\_branch\_id,&Teller\_emp\_id)

SQL> /

Enter value for txn\_id: 678008

Enter value for amount: 67900

Enter value for funds\_avail\_date: 20-jan-2019

Enter value for txn\_date: 30-jul-2017

Enter value for txn\_type\_cd: ti889

Enter value for account\_id: 202

Enter value for execution\_branch\_id: 2

Enter value for teller\_emp\_id: 4003

old 1: insert into Acc\_transaction values(&Txn\_id,&Amount,'&Funds\_avail\_date','&Txn\_date','&Txn\_type\_cd',&Account\_id,&Execution\_branch\_id,&Teller\_emp\_id)

new 1: insert into Acc\_transaction values(678008,67900,'20-jan-2019','30-jul-2017','ti889',202,2,4003)

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Acc\_transaction values(&Txn\_id,&Amount,'&Funds\_avail\_date','&Txn\_date','&Txn\_type\_cd',&Account\_id,&Execution\_branch\_id,&Teller\_emp\_id)

SQL> /

Enter value for txn\_id: 347800

Enter value for amount: 68347

Enter value for funds\_avail\_date: 4-jan-1998

Enter value for txn\_date: 20-jul-2019

Enter value for txn\_type\_cd: nh990

Enter value for account\_id: 203

Enter value for execution\_branch\_id: 1

Enter value for teller\_emp\_id: 4002

old 1: insert into Acc\_transaction values(&Txn\_id,&Amount,'&Funds\_avail\_date','&Txn\_date','&Txn\_type\_cd',&Account\_id,&Execution\_branch\_id,&Teller\_emp\_id)

new 1: insert into Acc\_transaction values(347800,68347,'4-jan-1998','20-jul-2019','nh990',203,1,4002)

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Acc\_transaction values(&Txn\_id,&Amount,'&Funds\_avail\_date','&Txn\_date','&Txn\_type\_cd',&Account\_id,&Execution\_branch\_id,&Teller\_emp\_id)

SQL> /

Enter value for txn\_id: 459912

Enter value for amount: 589380

Enter value for funds\_avail\_date: 3-jul-2019

Enter value for txn\_date: 20-jan-2019

Enter value for txn\_type\_cd: ug667

Enter value for account\_id: 204

Enter value for execution\_branch\_id: 2

Enter value for teller\_emp\_id: 4004

old 1: insert into Acc\_transaction values(&Txn\_id,&Amount,'&Funds\_avail\_date','&Txn\_date','&Txn\_type\_cd',&Account\_id,&Execution\_branch\_id,&Teller\_emp\_id)

new 1: insert into Acc\_transaction values(459912,589380,'3-jul-2019','20-jan-2019','ug667',204,2,4004)

1 row created.

SQL> ed

Wrote file afiedt.buf

1\* insert into Acc\_transaction values(&Txn\_id,&Amount,'&Funds\_avail\_date','&Txn\_date','&Txn\_type\_cd',&Account\_id,&Execution\_branch\_id,&Teller\_emp\_id)

SQL> /

Enter value for txn\_id: 568811

Enter value for amount: 678456920

Enter value for funds\_avail\_date: 20-jan-2019

Enter value for txn\_date: 30-jul-2017

Enter value for txn\_type\_cd: bv654

Enter value for account\_id: 201

Enter value for execution\_branch\_id: 1

Enter value for teller\_emp\_id: 4003

old 1: insert into Acc\_transaction values(&Txn\_id,&Amount,'&Funds\_avail\_date','&Txn\_date','&Txn\_type\_cd',&Account\_id,&Execution\_branch\_id,&Teller\_emp\_id)

new 1: insert into Acc\_transaction values(568811,678456920,'20-jan-2019','30-jul-2017','bv654',201,1,4003)

1 row created.

SQL> select \* from Acc\_transaction;

TXN\_ID AMOUNT FUNDS\_AVA TXN\_DATE TXN\_TYPE\_C ACCOUNT\_ID EXECUTION\_BRANCH\_ID TELLER\_EMP\_ID

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678008 67900 20-JAN-19 30-JUL-17 ti889 202 2 4003

347800 68347 04-JAN-98 20-JUL-19 nh990 203 1 4002

459912 589380 03-JUL-19 20-JAN-19 ug667 204 2 4004

568811 678456920 20-JAN-19 30-JUL-17 bv654 201 1 4003