DROP TABLE MCB.PO\_HEADERS CASCADE CONSTRAINTS;

CREATE TABLE MCB.PO\_HEADERS

(

POH\_ORD\_NO VARCHAR2(10 BYTE) NOT NULL,

POH\_ORD\_DT DATE NOT NULL,

SUPP\_ID NUMBER(3) NOT NULL,

POH\_ORD\_TOTAL\_AMT NUMBER(10) NOT NULL,

POH\_ORD\_DESC VARCHAR2(100 BYTE) NOT NULL,

POH\_ORD\_STATUS VARCHAR2(10 BYTE) NOT NULL,

DT\_CREATED DATE,

USER\_CREATED VARCHAR2(30 BYTE),

DT\_MODIFIED DATE,

USER\_MODIFIED VARCHAR2(30 BYTE)

)

TABLESPACE TBS4

PCTFREE 10

INITRANS 1

MAXTRANS 255

STORAGE (

INITIAL 64K

NEXT 1M

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0

BUFFER\_POOL DEFAULT

)

LOGGING

NOCOMPRESS

NOCACHE;

COMMENT ON COLUMN MCB.PO\_HEADERS.POH\_ORD\_NO IS 'Order No';

COMMENT ON COLUMN MCB.PO\_HEADERS.POH\_ORD\_DT IS 'Order Date';

COMMENT ON COLUMN MCB.PO\_HEADERS.SUPP\_ID IS 'Supplier Id';

COMMENT ON COLUMN MCB.PO\_HEADERS.POH\_ORD\_TOTAL\_AMT IS 'Order Total Amount';

COMMENT ON COLUMN MCB.PO\_HEADERS.POH\_ORD\_DESC IS 'Order Description';

COMMENT ON COLUMN MCB.PO\_HEADERS.POH\_ORD\_STATUS IS 'Order Status';

COMMENT ON COLUMN MCB.PO\_HEADERS.DT\_CREATED IS 'Date Created';

COMMENT ON COLUMN MCB.PO\_HEADERS.USER\_CREATED IS 'User Created';

COMMENT ON COLUMN MCB.PO\_HEADERS.DT\_MODIFIED IS 'Date Modified';

COMMENT ON COLUMN MCB.PO\_HEADERS.USER\_MODIFIED IS 'User Modified';

CREATE UNIQUE INDEX MCB.PO\_HEADERS\_PK ON MCB.PO\_HEADERS

(POH\_ORD\_NO)

LOGGING

TABLESPACE TBS4

PCTFREE 10

INITRANS 2

MAXTRANS 255

STORAGE (

INITIAL 64K

NEXT 1M

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0

BUFFER\_POOL DEFAULT

);

ALTER TABLE MCB.PO\_HEADERS ADD (

CONSTRAINT PO\_HEADERS\_PK

PRIMARY KEY

(POH\_ORD\_NO)

USING INDEX MCB.PO\_HEADERS\_PK

ENABLE VALIDATE);

CREATE OR REPLACE TRIGGER MCB.POH\_IU\_T

BEFORE INSERT OR UPDATE

ON MCB.po\_headers

REFERENCING OLD AS old NEW AS new

FOR EACH ROW

DISABLE

BEGIN

IF INSERTING THEN

:new.dt\_created := SYSDATE;

:new.user\_created := USER;

END IF;

IF UPDATING THEN

:new.dt\_modified := SYSDATE;

:new.user\_modified := USER;

END IF;

END;

/

CREATE OR REPLACE PUBLIC SYNONYM PO\_HEADERS FOR MCB.PO\_HEADERS;

ALTER TABLE MCB.PO\_HEADERS ADD (

CONSTRAINT SUPP\_ID\_FK

FOREIGN KEY (SUPP\_ID)

REFERENCES MCB.PO\_SUPPLIERS (SUPP\_ID)

ENABLE VALIDATE);

DROP TABLE MCB.PO\_INVOICES CASCADE CONSTRAINTS;

CREATE TABLE MCB.PO\_INVOICES

(

INV\_REF VARCHAR2(15 BYTE) NOT NULL,

INV\_DT DATE NOT NULL,

INV\_STATUS VARCHAR2(10 BYTE) NOT NULL,

INV\_HOLD\_REASON VARCHAR2(50 BYTE),

INV\_AMT NUMBER(10) NOT NULL,

INV\_DESC VARCHAR2(100 BYTE),

ITM\_ID NUMBER(5) NOT NULL,

DT\_CREATED DATE,

USER\_CREATED VARCHAR2(30 BYTE),

DT\_MODIFIED DATE,

USER\_MODIFIED VARCHAR2(30 BYTE),

POL\_ORD\_REF VARCHAR2(10 BYTE) NOT NULL

)

TABLESPACE TBS4

PCTFREE 10

INITRANS 1

MAXTRANS 255

STORAGE (

INITIAL 64K

NEXT 1M

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0

BUFFER\_POOL DEFAULT

)

LOGGING

NOCOMPRESS

NOCACHE;

COMMENT ON COLUMN MCB.PO\_INVOICES.INV\_REF IS 'Invoice Reference';

COMMENT ON COLUMN MCB.PO\_INVOICES.INV\_DT IS 'Invoice Date';

COMMENT ON COLUMN MCB.PO\_INVOICES.INV\_STATUS IS 'Invoice Status';

COMMENT ON COLUMN MCB.PO\_INVOICES.INV\_HOLD\_REASON IS 'Invoice Hold Reason';

COMMENT ON COLUMN MCB.PO\_INVOICES.INV\_AMT IS 'Invoice Amount';

COMMENT ON COLUMN MCB.PO\_INVOICES.INV\_DESC IS 'Invoice Description';

COMMENT ON COLUMN MCB.PO\_INVOICES.ITM\_ID IS 'Item Id';

COMMENT ON COLUMN MCB.PO\_INVOICES.DT\_CREATED IS 'Date Created';

COMMENT ON COLUMN MCB.PO\_INVOICES.USER\_CREATED IS 'User Created';

COMMENT ON COLUMN MCB.PO\_INVOICES.DT\_MODIFIED IS 'Date Modified';

COMMENT ON COLUMN MCB.PO\_INVOICES.USER\_MODIFIED IS 'User Modified';

CREATE UNIQUE INDEX MCB.PO\_INVOICES\_PK ON MCB.PO\_INVOICES

(INV\_REF, INV\_DT, POL\_ORD\_REF, ITM\_ID)

LOGGING

TABLESPACE TBS4

PCTFREE 10

INITRANS 2

MAXTRANS 255

STORAGE (

INITIAL 64K

NEXT 1M

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0

BUFFER\_POOL DEFAULT

);

ALTER TABLE MCB.PO\_INVOICES ADD (

CONSTRAINT PO\_INVOICES\_PK

PRIMARY KEY

(INV\_REF, INV\_DT, POL\_ORD\_REF, ITM\_ID)

USING INDEX MCB.PO\_INVOICES\_PK

ENABLE VALIDATE);

CREATE INDEX MCB.INV\_ORD\_SUBSTR\_IDX ON MCB.PO\_INVOICES

(SUBSTR("POL\_ORD\_REF",1,5))

LOGGING

TABLESPACE TBS4

PCTFREE 10

INITRANS 2

MAXTRANS 255

STORAGE (

INITIAL 64K

NEXT 1M

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0

BUFFER\_POOL DEFAULT

);

CREATE OR REPLACE TRIGGER MCB.INV\_IU\_T

BEFORE INSERT OR UPDATE

ON MCB.po\_INVOICES

REFERENCING OLD AS old NEW AS new

FOR EACH ROW

DISABLE

BEGIN

IF INSERTING THEN

:new.dt\_created := SYSDATE;

:new.user\_created := USER;

END IF;

IF UPDATING THEN

:new.dt\_modified := SYSDATE;

:new.user\_modified := USER;

END IF;

END;

/

CREATE OR REPLACE PUBLIC SYNONYM PO\_INVOICES FOR MCB.PO\_INVOICES;

ALTER TABLE MCB.PO\_INVOICES ADD (

CONSTRAINT ITM\_ID\_INV\_FK

FOREIGN KEY (ITM\_ID)

REFERENCES MCB.PO\_ITEMS (ITM\_ID)

ENABLE VALIDATE);

DROP TABLE MCB.PO\_ITEMS CASCADE CONSTRAINTS;

CREATE TABLE MCB.PO\_ITEMS

(

ITM\_ID NUMBER,

ITM\_DESC VARCHAR2(500 BYTE) NOT NULL,

DT\_CREATED DATE,

USER\_CREATED VARCHAR2(30 BYTE),

DT\_MODIFIED DATE,

USER\_MODIFIED VARCHAR2(30 BYTE)

)

TABLESPACE TBS4

PCTFREE 10

INITRANS 1

MAXTRANS 255

STORAGE (

INITIAL 64K

NEXT 1M

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0

BUFFER\_POOL DEFAULT

)

LOGGING

NOCOMPRESS

NOCACHE;

COMMENT ON COLUMN MCB.PO\_ITEMS.ITM\_ID IS 'Item Id';

COMMENT ON COLUMN MCB.PO\_ITEMS.ITM\_DESC IS 'Item Description';

COMMENT ON COLUMN MCB.PO\_ITEMS.DT\_CREATED IS 'Date Created';

COMMENT ON COLUMN MCB.PO\_ITEMS.USER\_CREATED IS 'User Created';

COMMENT ON COLUMN MCB.PO\_ITEMS.DT\_MODIFIED IS 'Date Modified';

COMMENT ON COLUMN MCB.PO\_ITEMS.USER\_MODIFIED IS 'User Modified';

CREATE UNIQUE INDEX MCB.ITEM\_DESC\_UK ON MCB.PO\_ITEMS

(ITM\_DESC)

LOGGING

TABLESPACE TBS4

PCTFREE 10

INITRANS 2

MAXTRANS 255

STORAGE (

INITIAL 64K

NEXT 1M

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0

BUFFER\_POOL DEFAULT

);

CREATE UNIQUE INDEX MCB.PO\_ITEMS\_PK ON MCB.PO\_ITEMS

(ITM\_ID)

LOGGING

TABLESPACE TBS4

PCTFREE 10

INITRANS 2

MAXTRANS 255

STORAGE (

INITIAL 64K

NEXT 1M

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0

BUFFER\_POOL DEFAULT

);

ALTER TABLE MCB.PO\_ITEMS ADD (

CONSTRAINT PO\_ITEMS\_PK

PRIMARY KEY

(ITM\_ID)

USING INDEX MCB.PO\_ITEMS\_PK

ENABLE VALIDATE

, CONSTRAINT ITEM\_DESC\_UK

UNIQUE (ITM\_DESC)

USING INDEX MCB.ITEM\_DESC\_UK

ENABLE VALIDATE);

CREATE OR REPLACE TRIGGER MCB.ITM\_IU\_T

BEFORE INSERT OR UPDATE

ON MCB.po\_ITEMS

REFERENCING OLD AS old NEW AS new

FOR EACH ROW

DISABLE

BEGIN

IF INSERTING THEN

:new.dt\_created := SYSDATE;

:new.user\_created := USER;

END IF;

IF UPDATING THEN

:new.dt\_modified := SYSDATE;

:new.user\_modified := USER;

END IF;

END;

/

CREATE OR REPLACE PUBLIC SYNONYM PO\_ITEMS FOR MCB.PO\_ITEMS;

DROP TABLE MCB.PO\_LINES CASCADE CONSTRAINTS;

CREATE TABLE MCB.PO\_LINES

(

POH\_ORD\_NO VARCHAR2(10 BYTE) NOT NULL,

POL\_ORD\_LINE\_SEQ NUMBER NOT NULL,

ITM\_ID NUMBER(5) NOT NULL,

POL\_ORD\_LINE\_STATUS VARCHAR2(10 BYTE) NOT NULL,

POL\_ORD\_LINE\_AMT NUMBER(10) NOT NULL,

DT\_CREATED DATE,

USER\_CREATED VARCHAR2(30 BYTE),

DT\_MODIFIED DATE,

USER\_MODIFIED VARCHAR2(30 BYTE),

POL\_ORD\_REF VARCHAR2(10 BYTE) NOT NULL

)

TABLESPACE TBS4

PCTFREE 10

INITRANS 1

MAXTRANS 255

STORAGE (

INITIAL 64K

NEXT 1M

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0

BUFFER\_POOL DEFAULT

)

LOGGING

NOCOMPRESS

NOCACHE;

COMMENT ON COLUMN MCB.PO\_LINES.POH\_ORD\_NO IS 'Order No';

COMMENT ON COLUMN MCB.PO\_LINES.POL\_ORD\_LINE\_SEQ IS 'Order Line Sequence';

COMMENT ON COLUMN MCB.PO\_LINES.ITM\_ID IS 'Item Id';

COMMENT ON COLUMN MCB.PO\_LINES.POL\_ORD\_LINE\_STATUS IS 'Order Line Status';

COMMENT ON COLUMN MCB.PO\_LINES.POL\_ORD\_LINE\_AMT IS 'Order Line Amount';

COMMENT ON COLUMN MCB.PO\_LINES.DT\_CREATED IS 'Date Created';

COMMENT ON COLUMN MCB.PO\_LINES.USER\_CREATED IS 'User Created';

COMMENT ON COLUMN MCB.PO\_LINES.DT\_MODIFIED IS 'Date Modified';

COMMENT ON COLUMN MCB.PO\_LINES.USER\_MODIFIED IS 'User Modified';

COMMENT ON COLUMN MCB.PO\_LINES.POL\_ORD\_REF IS 'Order Reference';

CREATE UNIQUE INDEX MCB.PO\_LINES\_PK ON MCB.PO\_LINES

(POH\_ORD\_NO, POL\_ORD\_REF, POL\_ORD\_LINE\_SEQ, ITM\_ID)

LOGGING

TABLESPACE TBS4

PCTFREE 10

INITRANS 2

MAXTRANS 255

STORAGE (

INITIAL 64K

NEXT 1M

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0

BUFFER\_POOL DEFAULT

);

ALTER TABLE MCB.PO\_LINES ADD (

CONSTRAINT PO\_LINES\_PK

PRIMARY KEY

(POH\_ORD\_NO, POL\_ORD\_REF, POL\_ORD\_LINE\_SEQ, ITM\_ID)

USING INDEX MCB.PO\_LINES\_PK

ENABLE VALIDATE);

CREATE INDEX MCB.POL\_ORD\_SUBSTR\_IDX ON MCB.PO\_LINES

(SUBSTR("POL\_ORD\_REF",1,5))

LOGGING

TABLESPACE TBS4

PCTFREE 10

INITRANS 2

MAXTRANS 255

STORAGE (

INITIAL 64K

NEXT 1M

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0

BUFFER\_POOL DEFAULT

);

CREATE OR REPLACE TRIGGER MCB.POL\_IU\_T

BEFORE INSERT OR UPDATE

ON MCB.po\_LINES

REFERENCING OLD AS old NEW AS new

FOR EACH ROW

DISABLE

BEGIN

IF INSERTING THEN

:new.dt\_created := SYSDATE;

:new.user\_created := USER;

END IF;

IF UPDATING THEN

:new.dt\_modified := SYSDATE;

:new.user\_modified := USER;

END IF;

END;

/

CREATE OR REPLACE PUBLIC SYNONYM PO\_LINES FOR MCB.PO\_LINES;

ALTER TABLE MCB.PO\_LINES ADD (

CONSTRAINT ITM\_ID\_FK

FOREIGN KEY (ITM\_ID)

REFERENCES MCB.PO\_ITEMS (ITM\_ID)

ENABLE VALIDATE

, CONSTRAINT ORD\_NO\_FK

FOREIGN KEY (POH\_ORD\_NO)

REFERENCES MCB.PO\_HEADERS (POH\_ORD\_NO)

ENABLE VALIDATE);

DROP TABLE MCB.PO\_SUPPLIERS CASCADE CONSTRAINTS;

CREATE TABLE MCB.PO\_SUPPLIERS

(

SUPP\_ID NUMBER(3),

SUPP\_NAME VARCHAR2(100 BYTE) NOT NULL,

SUPP\_CONTACT\_NAME VARCHAR2(100 BYTE) NOT NULL,

SUPP\_ADDRESS VARCHAR2(100 BYTE) NOT NULL,

SUPP\_CONTACT\_NO VARCHAR2(20 BYTE),

SUPP\_MOBILE\_NO NUMBER(8),

SUPP\_LANDLINE\_NO NUMBER(7),

SUPP\_EMAIL VARCHAR2(50 BYTE),

DT\_CREATED DATE,

USER\_CREATED VARCHAR2(30 BYTE),

DT\_MODIFIED DATE,

USER\_MODIFIED VARCHAR2(30 BYTE)

)

TABLESPACE TBS4

PCTFREE 10

INITRANS 1

MAXTRANS 255

STORAGE (

INITIAL 64K

NEXT 1M

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0

BUFFER\_POOL DEFAULT

)

LOGGING

NOCOMPRESS

NOCACHE;

COMMENT ON COLUMN MCB.PO\_SUPPLIERS.SUPP\_ID IS 'Supplier Id';

COMMENT ON COLUMN MCB.PO\_SUPPLIERS.SUPP\_NAME IS 'Supplier Name';

COMMENT ON COLUMN MCB.PO\_SUPPLIERS.SUPP\_CONTACT\_NAME IS 'Supplier Contact Name';

COMMENT ON COLUMN MCB.PO\_SUPPLIERS.SUPP\_ADDRESS IS 'Supplier Address';

COMMENT ON COLUMN MCB.PO\_SUPPLIERS.SUPP\_CONTACT\_NO IS 'Supplier Contact No';

COMMENT ON COLUMN MCB.PO\_SUPPLIERS.SUPP\_EMAIL IS 'Supplier Email';

COMMENT ON COLUMN MCB.PO\_SUPPLIERS.DT\_CREATED IS 'Date Created';

COMMENT ON COLUMN MCB.PO\_SUPPLIERS.USER\_CREATED IS 'User Created';

COMMENT ON COLUMN MCB.PO\_SUPPLIERS.DT\_MODIFIED IS 'Date Modified';

COMMENT ON COLUMN MCB.PO\_SUPPLIERS.USER\_MODIFIED IS 'User Modified';

CREATE UNIQUE INDEX MCB.PO\_SUPPLIERS\_PK ON MCB.PO\_SUPPLIERS

(SUPP\_ID)

LOGGING

TABLESPACE TBS4

PCTFREE 10

INITRANS 2

MAXTRANS 255

STORAGE (

INITIAL 64K

NEXT 1M

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0

BUFFER\_POOL DEFAULT

);

CREATE UNIQUE INDEX MCB.SUPP\_NAME\_UK ON MCB.PO\_SUPPLIERS

(SUPP\_NAME)

LOGGING

TABLESPACE TBS4

PCTFREE 10

INITRANS 2

MAXTRANS 255

STORAGE (

INITIAL 64K

NEXT 1M

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0

BUFFER\_POOL DEFAULT

);

ALTER TABLE MCB.PO\_SUPPLIERS ADD (

CONSTRAINT PO\_SUPPLIERS\_PK

PRIMARY KEY

(SUPP\_ID)

USING INDEX MCB.PO\_SUPPLIERS\_PK

ENABLE VALIDATE

, CONSTRAINT SUPP\_NAME\_UK

UNIQUE (SUPP\_NAME)

USING INDEX MCB.SUPP\_NAME\_UK

ENABLE VALIDATE);

CREATE OR REPLACE TRIGGER MCB.SUPP\_IU\_T

BEFORE INSERT OR UPDATE

ON MCB.po\_SUPPLIERS

REFERENCING OLD AS old NEW AS new

FOR EACH ROW

DISABLE

BEGIN

IF INSERTING THEN

:new.dt\_created := SYSDATE;

:new.user\_created := USER;

END IF;

IF UPDATING THEN

:new.dt\_modified := SYSDATE;

:new.user\_modified := USER;

END IF;

END;

/

CREATE OR REPLACE PUBLIC SYNONYM PO\_SUPPLIERS FOR MCB.PO\_SUPPLIERS;