

1

```

Java
Long 63. Long.
1=9223372036854775807 (19 ). 19, L=263-
, 18 ,
999999999999999999.
Integer 9
. . I=231-1=2147483647 10 ,
Integer 999999999.
Float 3.4028235E38,
(20,2).
18, - 2.
RAW.
( 55 55 ASCII- ).
RAW 4 . 55 , 56 .
SHOP 55 RAW 56*2=112.
SHOPUSER . - 1
ISO- 7 , 200 7*200=1400 . 200 ,
200

```

2

```

DROP TABLESPACE TABLESPACESHOP INCLUDING CONTENTS;
CREATE TABLESPACE TABLESPACESHOP
LOGGING
DATAFILE 'C:\TABLESPACESHOP.DBF'
SIZE 200M
EXTENT MANAGEMENT LOCAL;

```

3

```

DROP USER SHOP CASCADE;
DROP USER SHOPUSER CASCADE;
DROP USER SHOPMIN CASCADE;
CREATE USER SHOP PROFILE DEFAULT
IDENTIFIED BY "AsP6_45?F!@/?$%fder3"
DEFAULT TABLESPACE TABLESPACESHOP
TEMPORARY TABLESPACE TEMP
QUOTA UNLIMITED ON TABLESPACESHOP
QUOTA UNLIMITED ON TEMP
ACCOUNT UNLOCK;
CREATE USER SHOPUSER PROFILE DEFAULT
IDENTIFIED BY "BEP6_4Q?F!@/#%fdE80_"
DEFAULT TABLESPACE TABLESPACESHOP
TEMPORARY TABLESPACE TEMP
QUOTA UNLIMITED ON TABLESPACESHOP
QUOTA UNLIMITED ON TEMP
ACCOUNT UNLOCK;
CREATE USER SHOPMIN PROFILE DEFAULT
IDENTIFIED BY "qwerty"
DEFAULT TABLESPACE TABLESPACESHOP
TEMPORARY TABLESPACE TEMP
QUOTA UNLIMITED ON TABLESPACESHOP
QUOTA UNLIMITED ON TEMP
ACCOUNT UNLOCK;

```

```
GRANT CONNECT TO SHOP;  
GRANT CREATE SESSION TO SHOPUSER;  
GRANT CREATE SESSION TO SHOPMIN;
```

4

4.1 SHOP.TABLE_ADDRESS_U

```
CREATE TABLE SHOP.TABLE_ADDRESS_U  
(  
  ID                NUMBER(9),  
  INDEXX            NUMBER(9) NOT NULL,  
  COUNTRY            VARCHAR2(1400) NOT NULL,  
  AREA              VARCHAR2(1400) NOT NULL,  
  CITY               VARCHAR2(1400) NOT NULL,  
  STREET             VARCHAR2(2100) NOT NULL,  
  HOUSE              NUMBER(9) NOT NULL,  
  CASES              NUMBER(9) NOT NULL,  
  APARTMENT          NUMBER(9) NOT NULL,  
  CONSTRAINT        PK_TAU PRIMARY KEY(ID)  
)  
TABLESPACE TABLESPACESHOP;
```

4.2 SHOP.TABLE_USER

```
CREATE TABLE SHOP.TABLE_USER  
(  
  ID                NUMBER(9),  
  LOGIN             VARCHAR2(15) NOT NULL UNIQUE,  
  PASSWORD           RAW(112) NOT NULL,  
  MAIL              VARCHAR2(700) NOT NULL UNIQUE,  
  ADDRESS_U_ID       NUMBER(9) NOT NULL,  
  PHONE              NUMBER(18) NOT NULL,  
  SNP               VARCHAR2(2100) NOT NULL,  
  CONSTRAINT        PK_TU PRIMARY KEY(ID),  
  CONSTRAINT        FK_TU FOREIGN KEY(ADDRESS_U_ID) REFERENCES SHOP.TABLE_ADDRESS_U(ID)  
)  
TABLESPACE TABLESPACESHOP;
```

4.3 SHOP.TABLE_PAYMENT

```
CREATE TABLE SHOP.TABLE_PAYMENT  
(  
  ID                NUMBER(9),  
  WAY               VARCHAR2(1400) NOT NULL,  
  COST              NUMBER(20,2) NOT NULL,  
  CONSTRAINT        PK_TPT PRIMARY KEY(ID)  
)  
TABLESPACE TABLESPACESHOP;
```

4.4 SHOP.TABLE_DELIVERY

```
CREATE TABLE SHOP.TABLE_DELIVERY  
(  
  ID                NUMBER(9),  
  WAY               VARCHAR2(1400) NOT NULL,  
  COST              NUMBER(20,2) NOT NULL,  
  CONSTRAINT        PK_TDY PRIMARY KEY(ID)  
)  
TABLESPACE TABLESPACESHOP;
```

4.5 SHOP.TABLE_WAYBILL_ORDER

```
CREATE TABLE SHOP.TABLE_WAYBILL_ORDER
(
  ID                NUMBER(9),
  TIMES             DATE,
  STATUS            NUMBER(1) NOT NULL,
  USER_ID           NUMBER(9) NOT NULL,
  PAYMENT_ID        NUMBER(9) NOT NULL,
  DELIVERY_ID       NUMBER(9) NOT NULL,
  CONSTRAINT PKWO PRIMARY KEY(ID),
  CONSTRAINT FKWO1 FOREIGN KEY(USER_ID) REFERENCES SHOP.TABLE_USER(ID),
  CONSTRAINT FKWO2 FOREIGN KEY(PAYMENT_ID) REFERENCES SHOP.TABLE_PAYMENT(ID),
  CONSTRAINT FKWO3 FOREIGN KEY(DELIVERY_ID) REFERENCES SHOP.TABLE_DELIVERY(ID)
)
TABLESPACE TABLESPACESHOP;
```

4.6 SYSTEM.TABLE_USER_W

```
CREATE TABLE SYSTEM.TABLE_USER_W
(
  ID                NUMBER(9),
  LOGIN             VARCHAR2(15) NOT NULL UNIQUE,
  PASSWORD           RAW(112) NOT NULL,
  CONSTRAINT PK_TUW PRIMARY KEY(ID)
)
TABLESPACE TABLESPACESHOP;
```

4.7 SYSTEM.TABLE_USER_LAST

```
CREATE TABLE SYSTEM.TABLE_USER_LAST
(
  ID                NUMBER(9),
  USER_W_ID         NUMBER(9) NOT NULL,
  LASTTIMES         DATE,
  CONSTRAINT PK_TUL PRIMARY KEY(ID),
  CONSTRAINT FK_TUL FOREIGN KEY(USER_W_ID) REFERENCES SYSTEM.TABLE_USER_W(ID)
)
TABLESPACE TABLESPACESHOP;
```

4.8 SHOP.TABLE_ADDRESS_W

```
CREATE TABLE SHOP.TABLE_ADDRESS_W
(
  ID                NUMBER(9),
  COUNTRY            VARCHAR2(1400) NOT NULL,
  AREA              VARCHAR2(1400) NOT NULL,
  CITY              VARCHAR2(1400) NOT NULL,
  STREET            VARCHAR2(2100) NOT NULL,
  HOUSE             NUMBER(9) NOT NULL,
  CONSTRAINT PK_TAW PRIMARY KEY(ID)
)
TABLESPACE TABLESPACESHOP;
```

4.9 SHOP.TABLE_WAREHOUSES

```
CREATE TABLE SHOP.TABLE_WAREHOUSES
(
  ID                NUMBER(9),
  NAME              VARCHAR2(1400) NOT NULL,
  ADDRESS_W_ID      NUMBER(9) NOT NULL,
  CONSTRAINT PK_TWH PRIMARY KEY(ID),
  CONSTRAINT FK_TWH FOREIGN KEY(ADDRESS_W_ID) REFERENCES SHOP.TABLE_ADDRESS_W(ID)
)
TABLESPACE TABLESPACESHOP;
```

4.10 SHOP.TABLE_IMAGE

```
CREATE TABLE SHOP.TABLE_IMAGE
(
  ID                NUMBER(9),
  BLOBS             BLOB,
  CONSTRAINT        PK_TIM PRIMARY KEY(ID)
)
TABLESPACE TABLESPACESHOP;
```

4.11 SHOP.TABLE_SUPPLIER

```
CREATE TABLE SHOP.TABLE_SUPPLIER
(
  ID                NUMBER(9),
  NAME              VARCHAR2(700) NOT NULL,
  CONSTRAINT        PK_TS PRIMARY KEY(ID)
)
TABLESPACE TABLESPACESHOP;
```

4.12 SHOP.TABLE_CATEGORY

```
CREATE TABLE SHOP.TABLE_CATEGORY
(
  ID                NUMBER(9),
  NAME              VARCHAR2(700) NOT NULL,
  CONSTRAINT        PK_TC PRIMARY KEY(ID)
)
TABLESPACE TABLESPACESHOP;
```

4.13 SHOP.TABLE_GOODS

```
CREATE TABLE SHOP.TABLE_GOODS
(
  ID                NUMBER(9),
  NAME              VARCHAR2(700) NOT NULL,
  CATEGORY_ID       NUMBER(9) NOT NULL,
  CHARACTERISTICS   CLOB,
  BREND             VARCHAR2(350) NOT NULL,
  DESCRIPTION       CLOB,
  WARRANTY_PERIOD   NUMBER(2) NOT NULL, --
  SUPPLIER_ID       NUMBER(9) NOT NULL,
  COST              NUMBER(20,2) NOT NULL,
  IMAGE_ID          NUMBER(9) NOT NULL,
  CONSTRAINT        PK_TG PRIMARY KEY(ID),
  CONSTRAINT        FK_TG1 FOREIGN KEY(CATEGORY_ID) REFERENCES SHOP.TABLE_CATEGORY(ID),
  CONSTRAINT        FK_TG2 FOREIGN KEY(SUPPLIER_ID) REFERENCES SHOP.TABLE_SUPPLIER(ID),
  CONSTRAINT        FK_TG3 FOREIGN KEY(IMAGE_ID) REFERENCES SHOP.TABLE_IMAGE(ID)
)
TABLESPACE TABLESPACESHOP;
```

4.14 SHOP.TABLE_INVENTORIES

```
CREATE TABLE SHOP.TABLE_INVENTORIES
(
  ID                NUMBER(9),
  WAREHOUSES_ID     NUMBER(9) NOT NULL,
  GOODS_ID          NUMBER(9) NOT NULL,
  AMOUNT            NUMBER(18) NOT NULL,
  CONSTRAINT        PK_TI PRIMARY KEY(ID),
  CONSTRAINT        FK_TI1 FOREIGN KEY(GOODS_ID) REFERENCES SHOP.TABLE_GOODS(ID),
  CONSTRAINT        FK_TI2 FOREIGN KEY(WAREHOUSES_ID) REFERENCES SHOP.TABLE_WAREHOUSES(ID)
)
TABLESPACE TABLESPACESHOP;
```

4.15 SHOP.TABLE_WAYBILL

```
CREATE TABLE SHOP.TABLE_WAYBILL
(
  ID                NUMBER(9),
  TIMES            DATE,
  WAREHOUSES_ID    NUMBER(9) NOT NULL,
  GOODS_ID         NUMBER(9) NOT NULL,
  AMOUNT           NUMBER(18) NOT NULL,
  CONSTRAINT       PK_TW PRIMARY KEY(ID),
  CONSTRAINT       FK_TW1 FOREIGN KEY(WAREHOUSES_ID) REFERENCES SHOP.TABLE_WAREHOUSES(ID),
  CONSTRAINT       FK_TW2 FOREIGN KEY(GOODS_ID) REFERENCES SHOP.TABLE_GOODS(ID)
)
TABLESPACE TABLESPACESHOP;
```

4.16 SHOP.TABLE_GOODS_ORDER

```
CREATE TABLE SHOP.TABLE_GOODS_ORDER
(
  ID                NUMBER(9) NOT NULL,
  GOODS_ID          NUMBER(9) NOT NULL,
  AMOUNT            NUMBER(18) NOT NULL,
  WAYBILL_ORDER_ID NUMBER(9) NOT NULL,
  CONSTRAINT PKTGO PRIMARY KEY(ID),
  CONSTRAINT FKTGO1 FOREIGN KEY(GOODS_ID) REFERENCES SHOP.TABLE_GOODS(ID),
  CONSTRAINT FKTGO2 FOREIGN KEY(WAYBILL_ORDER_ID) REFERENCES SHOP.TABLE_WAYBILL_ORDER(ID)
)
TABLESPACE TABLESPACESHOP;
```

4.17 SHOP.TABLE_PACKING

```
CREATE TABLE SHOP.TABLE_PACKING
(
  ID                NUMBER(9) NOT NULL,
  WAREHOUSES_ID    NUMBER(9) NOT NULL,
  AMOUNT            NUMBER(18) NOT NULL,
  GOODS_ORDER_ID   NUMBER(9) NOT NULL,
  CONSTRAINT PKTPG PRIMARY KEY(ID),
  CONSTRAINT FKTPG1 FOREIGN KEY(WAREHOUSES_ID) REFERENCES SHOP.TABLE_WAREHOUSES(ID),
  CONSTRAINT FKTPG2 FOREIGN KEY(GOODS_ORDER_ID) REFERENCES SHOP.TABLE_GOODS_ORDER(ID)
)
TABLESPACE TABLESPACESHOP;
```

5

```
CREATE TABLE SHOP.TABLE_ADDRESS_U
(
  ID                NUMBER(9),
  INDEXX            NUMBER(9) NOT NULL,
  COUNTRY           VARCHAR2(1400) NOT NULL,
  AREA              VARCHAR2(1400) NOT NULL,
  CITY              VARCHAR2(1400) NOT NULL,
  STREET            VARCHAR2(2100) NOT NULL,
  HOUSE             NUMBER(9) NOT NULL,
  CASES             NUMBER(9) NOT NULL,
  APARTMENT         NUMBER(9) NOT NULL,
  CONSTRAINT        PK_TAU PRIMARY KEY(ID)
)
TABLESPACE TABLESPACESHOP;

CREATE TABLE SHOP.TABLE_USER
(
  ID                NUMBER(9),
  LOGIN             VARCHAR2(15) NOT NULL UNIQUE,
  PASSWORD          RAW(112) NOT NULL,
  MAIL              VARCHAR2(700) NOT NULL UNIQUE,
  ADDRESS_U_ID      NUMBER(9) NOT NULL,
  PHONE             NUMBER(18) NOT NULL,
```

```

        SNP                VARCHAR2(2100) NOT NULL,
        CONSTRAINT         PK_TU PRIMARY KEY(ID),
        CONSTRAINT         FK_TU FOREIGN KEY(ADDRESS_U_ID) REFERENCES SHOP.TABLE_ADDRESS_U(ID)
    )
TABLESPACE TABLESPACESHOP;

CREATE TABLE SHOP.TABLE_PAYMENT
(
    ID                     NUMBER(9),
    WAY                   VARCHAR2(1400) NOT NULL,
    COST                  NUMBER(20,2) NOT NULL,
    CONSTRAINT            PK_TPT PRIMARY KEY(ID)
)
TABLESPACE TABLESPACESHOP;

CREATE TABLE SHOP.TABLE_DELIVERY
(
    ID                     NUMBER(9),
    WAY                   VARCHAR2(1400) NOT NULL,
    COST                  NUMBER(20,2) NOT NULL,
    CONSTRAINT            PK_TDY PRIMARY KEY(ID)
)
TABLESPACE TABLESPACESHOP;

CREATE TABLE SHOP.TABLE_WAYBILL_ORDER
(
    ID                     NUMBER(9),
    TIMES                 DATE,
    STATUS                NUMBER(1) NOT NULL,
    USER_ID               NUMBER(9) NOT NULL,
    PAYMENT_ID            NUMBER(9) NOT NULL,
    DELIVERY_ID           NUMBER(9) NOT NULL,
    CONSTRAINT            PKWO PRIMARY KEY(ID),
    CONSTRAINT            FKWO1 FOREIGN KEY(USER_ID) REFERENCES SHOP.TABLE_USER(ID),
    CONSTRAINT            FKWO2 FOREIGN KEY(PAYMENT_ID) REFERENCES SHOP.TABLE_PAYMENT(ID),
    CONSTRAINT            FKWO3 FOREIGN KEY(DELIVERY_ID) REFERENCES SHOP.TABLE_DELIVERY(ID)
)
TABLESPACE TABLESPACESHOP;

CREATE TABLE SYSTEM.TABLE_USER_W
(
    ID                     NUMBER(9),
    LOGIN                 VARCHAR2(15) NOT NULL UNIQUE,
    PASSWORD              RAW(112) NOT NULL,
    CONSTRAINT            PK_TUW PRIMARY KEY(ID)
)
TABLESPACE TABLESPACESHOP;

CREATE TABLE SYSTEM.TABLE_USER_LAST
(
    ID                     NUMBER(9),
    USER_W_ID            NUMBER(9) NOT NULL,
    LASTTIMES             DATE,
    CONSTRAINT            PK_TUL PRIMARY KEY(ID),
    CONSTRAINT            FK_TUL FOREIGN KEY(USER_W_ID) REFERENCES SYSTEM.TABLE_USER_W(ID)
)
TABLESPACE TABLESPACESHOP;

CREATE TABLE SHOP.TABLE_ADDRESS_W
(
    ID                     NUMBER(9),
    COUNTRY               VARCHAR2(1400) NOT NULL,
    AREA                  VARCHAR2(1400) NOT NULL,
    CITY                  VARCHAR2(1400) NOT NULL,
    STREET                VARCHAR2(2100) NOT NULL,
    HOUSE                 NUMBER(9) NOT NULL,
    CONSTRAINT            PK_TAW PRIMARY KEY(ID)
)
TABLESPACE TABLESPACESHOP;

CREATE TABLE SHOP.TABLE_WAREHOUSES
(
    ID                     NUMBER(9),
    NAME                  VARCHAR2(1400) NOT NULL,
    ADDRESS_W_ID          NUMBER(9) NOT NULL,
    CONSTRAINT            PK_TWH PRIMARY KEY(ID),
    CONSTRAINT            FK_TWH FOREIGN KEY(ADDRESS_W_ID) REFERENCES SHOP.TABLE_ADDRESS_W(ID)
)
TABLESPACE TABLESPACESHOP;

```

```

CREATE TABLE SHOP.TABLE_IMAGE
(
  ID          NUMBER(9),
  BLOBS       BLOB,
  CONSTRAINT  PK_TIM PRIMARY KEY(ID)
)
TABLESPACE TABLESPACESHOP;

CREATE TABLE SHOP.TABLE_SUPPLIER
(
  ID          NUMBER(9),
  NAME        VARCHAR2(700) NOT NULL,
  CONSTRAINT  PK_TS PRIMARY KEY(ID)
)
TABLESPACE TABLESPACESHOP;

CREATE TABLE SHOP.TABLE_CATEGORY
(
  ID          NUMBER(9),
  NAME        VARCHAR2(700) NOT NULL,
  CONSTRAINT  PK_TC PRIMARY KEY(ID)
)
TABLESPACE TABLESPACESHOP;

CREATE TABLE SHOP.TABLE_GOODS
(
  ID          NUMBER(9),
  NAME        VARCHAR2(700) NOT NULL,
  CATEGORY_ID NUMBER(9) NOT NULL,
  CHARACTERISTICS CLOB,
  BREND       VARCHAR2(350) NOT NULL,
  DESCRIPTION  CLOB,
  WARRANTY_PERIOD NUMBER(2) NOT NULL, --
  SUPPLIER_ID  NUMBER(9) NOT NULL,
  COST        NUMBER(20,2) NOT NULL,
  IMAGE_ID     NUMBER(9) NOT NULL,
  CONSTRAINT  PK_TG PRIMARY KEY(ID),
  CONSTRAINT  FK_TG1 FOREIGN KEY(CATEGORY_ID) REFERENCES SHOP.TABLE_CATEGORY(ID),
  CONSTRAINT  FK_TG2 FOREIGN KEY(SUPPLIER_ID) REFERENCES SHOP.TABLE_SUPPLIER(ID),
  CONSTRAINT  FK_TG3 FOREIGN KEY(IMAGE_ID)   REFERENCES SHOP.TABLE_IMAGE(ID)
)
TABLESPACE TABLESPACESHOP;

CREATE TABLE SHOP.TABLE_INVENTORIES
(
  ID          NUMBER(9),
  WAREHOUSES_ID NUMBER(9) NOT NULL,
  GOODS_ID    NUMBER(9) NOT NULL,
  AMOUNT      NUMBER(18) NOT NULL,
  CONSTRAINT  PK_TI PRIMARY KEY(ID),
  CONSTRAINT  FK_TI1 FOREIGN KEY(GOODS_ID) REFERENCES SHOP.TABLE_GOODS(ID),
  CONSTRAINT  FK_TI2 FOREIGN KEY(WAREHOUSES_ID) REFERENCES SHOP.TABLE_WAREHOUSES(ID)
)
TABLESPACE TABLESPACESHOP;

CREATE TABLE SHOP.TABLE_WAYBILL
(
  ID          NUMBER(9),
  TIMES       DATE,
  WAREHOUSES_ID NUMBER(9) NOT NULL,
  GOODS_ID    NUMBER(9) NOT NULL,
  AMOUNT      NUMBER(18) NOT NULL,
  CONSTRAINT  PK_TW PRIMARY KEY(ID),
  CONSTRAINT  FK_TW1 FOREIGN KEY(WAREHOUSES_ID) REFERENCES SHOP.TABLE_WAREHOUSES(ID),
  CONSTRAINT  FK_TW2 FOREIGN KEY(GOODS_ID) REFERENCES SHOP.TABLE_GOODS(ID)
)
TABLESPACE TABLESPACESHOP;

CREATE TABLE SHOP.TABLE_GOODS_ORDER
(
  ID          NUMBER(9) NOT NULL,
  GOODS_ID    NUMBER(9) NOT NULL,
  AMOUNT      NUMBER(18) NOT NULL,
  WAYBILL_ORDER_ID NUMBER(9) NOT NULL,
  CONSTRAINT  PKTGO PRIMARY KEY(ID),
  CONSTRAINT  FKTGO1 FOREIGN KEY(GOODS_ID) REFERENCES SHOP.TABLE_GOODS(ID),
  CONSTRAINT  FKTGO2 FOREIGN KEY(WAYBILL_ORDER_ID) REFERENCES SHOP.TABLE_WAYBILL_ORDER(ID)
)
TABLESPACE TABLESPACESHOP;

```

```

CREATE TABLE SHOP.TABLE_PACKING
(
  ID                NUMBER(9) NOT NULL,
  WAREHOUSES_ID    NUMBER(9) NOT NULL,
  AMOUNT           NUMBER(18) NOT NULL,
  GOODS_ORDER_ID   NUMBER(9) NOT NULL,
  CONSTRAINT PKTPG PRIMARY KEY(ID),
  CONSTRAINT FKTPG1 FOREIGN KEY(WAREHOUSES_ID) REFERENCES SHOP.TABLE_WAREHOUSES(ID),
  CONSTRAINT FKTPG2 FOREIGN KEY(GOODS_ORDER_ID) REFERENCES SHOP.TABLE_GOODS_ORDER(ID)
)
TABLESPACE TABLESPACESHOP;

```

6

```

DROP TABLE SHOP.TABLE_PACKING;
DROP TABLE SHOP.TABLE_GOODS_ORDER;
DROP TABLE SHOP.TABLE_WAYBILL;
DROP TABLE SHOP.TABLE_INVENTORIES;
DROP TABLE SHOP.TABLE_GOODS;
DROP TABLE SHOP.TABLE_CATEGORY;
DROP TABLE SHOP.TABLE_SUPPLIER;
DROP TABLE SHOP.TABLE_IMAGE;
DROP TABLE SHOP.TABLE_WAREHOUSES;
DROP TABLE SHOP.TABLE_ADDRESS_W;
DROP TABLE SYSTEM.TABLE_USER_LAST;
DROP TABLE SYSTEM.TABLE_USER_W;
DROP TABLE SHOP.TABLE_WAYBILL_ORDER;
DROP TABLE SHOP.TABLE_DELIVERY;
DROP TABLE SHOP.TABLE_PAYMENT;
DROP TABLE SHOP.TABLE_USER;
DROP TABLE SHOP.TABLE_ADDRESS_U;

```

7

```

DROP SEQUENCE SHOP.SEQUENCE_TAU;
CREATE SEQUENCE SHOP.SEQUENCE_TAU
  START WITH 1
  INCREMENT BY 1;
CREATE OR REPLACE TRIGGER SHOP.TRIGGER_TAU
  BEFORE INSERT ON SHOP.TABLE_ADDRESS_U FOR EACH ROW
BEGIN
  SELECT SHOP.SEQUENCE_TAU.NEXTVAL INTO :NEW.ID FROM DUAL;
END;
/
DROP SEQUENCE SHOP.SEQUENCE_TU;
CREATE SEQUENCE SHOP.SEQUENCE_TU
  START WITH 1
  INCREMENT BY 1;
CREATE OR REPLACE TRIGGER SHOP.TRIGGER_TU
  BEFORE INSERT ON SHOP.TABLE_USER FOR EACH ROW
BEGIN
  SELECT SHOP.SEQUENCE_TU.NEXTVAL INTO :NEW.ID FROM DUAL;
END;
/
DROP SEQUENCE SHOP.SEQUENCE_TPT;
CREATE SEQUENCE SHOP.SEQUENCE_TPT
  START WITH 1
  INCREMENT BY 1;
CREATE OR REPLACE TRIGGER SHOP.TRIGGER_TPT
  BEFORE INSERT ON SHOP.TABLE_PAYMENT FOR EACH ROW
BEGIN
  SELECT SHOP.SEQUENCE_TPT.NEXTVAL INTO :NEW.ID FROM DUAL;
END;
/
DROP SEQUENCE SHOP.SEQUENCE_TDY;
CREATE SEQUENCE SHOP.SEQUENCE_TDY
  START WITH 1
  INCREMENT BY 1;
CREATE OR REPLACE TRIGGER SHOP.TRIGGER_TDY
  BEFORE INSERT ON SHOP.TABLE_DELIVERY FOR EACH ROW
BEGIN

```



```

SELECT SHOP.SEQUENCE_TDY.NEXTVAL INTO :NEW.ID FROM DUAL;
END;
/
DROP SEQUENCE SHOP.SEQUENCE_TWO;
CREATE SEQUENCE SHOP.SEQUENCE_TWO
  START WITH 1
  INCREMENT BY 1;
CREATE OR REPLACE TRIGGER SHOP.TRIGGER_TWO
  BEFORE INSERT ON SHOP.TABLE_WAYBILL_ORDER FOR EACH ROW
BEGIN
  SELECT SHOP.SEQUENCE_TWO.NEXTVAL INTO :NEW.ID FROM DUAL;
END;
/
DROP SEQUENCE SYSTEM.SEQUENCE_TUW;
CREATE SEQUENCE SYSTEM.SEQUENCE_TUW
  START WITH 1
  INCREMENT BY 1;
CREATE OR REPLACE TRIGGER SYSTEM.TRIGGER_TUW
  BEFORE INSERT ON SYSTEM.TABLE_USER_W FOR EACH ROW
BEGIN
  SELECT SYSTEM.SEQUENCE_TUW.NEXTVAL INTO :NEW.ID FROM DUAL;
END;
/
DROP SEQUENCE SYSTEM.SEQUENCE_TUL;
CREATE SEQUENCE SYSTEM.SEQUENCE_TUL
  START WITH 1
  INCREMENT BY 1;
CREATE OR REPLACE TRIGGER SYSTEM.TRIGGER_TUL
  BEFORE INSERT ON SYSTEM.TABLE_USER_LAST FOR EACH ROW
BEGIN
  SELECT SYSTEM.SEQUENCE_TUL.NEXTVAL INTO :NEW.ID FROM DUAL;
END;
/
DROP SEQUENCE SHOP.SEQUENCE_TAW;
CREATE SEQUENCE SHOP.SEQUENCE_TAW
  START WITH 1
  INCREMENT BY 1;
CREATE OR REPLACE TRIGGER SHOP.TRIGGER_TAW
  BEFORE INSERT ON SHOP.TABLE_ADDRESS_W FOR EACH ROW
BEGIN
  SELECT SHOP.SEQUENCE_TAW.NEXTVAL INTO :NEW.ID FROM DUAL;
END;
/
DROP SEQUENCE SHOP.SEQUENCE_TWH;
CREATE SEQUENCE SHOP.SEQUENCE_TWH
  START WITH 1
  INCREMENT BY 1;
CREATE OR REPLACE TRIGGER SHOP.TRIGGER_TWH
  BEFORE INSERT ON SHOP.TABLE_WAREHOUSES FOR EACH ROW
BEGIN
  SELECT SHOP.SEQUENCE_TWH.NEXTVAL INTO :NEW.ID FROM DUAL;
END;
/
DROP SEQUENCE SHOP.SEQUENCE_TIM;
CREATE SEQUENCE SHOP.SEQUENCE_TIM
  START WITH 1
  INCREMENT BY 1;
CREATE OR REPLACE TRIGGER SHOP.TRIGGER_TIM
  BEFORE INSERT ON SHOP.TABLE_IMAGE FOR EACH ROW
BEGIN
  SELECT SHOP.SEQUENCE_TIM.NEXTVAL INTO :NEW.ID FROM DUAL;
END;
/
DROP SEQUENCE SHOP.SEQUENCE_TS;
CREATE SEQUENCE SHOP.SEQUENCE_TS
  START WITH 1
  INCREMENT BY 1;
CREATE OR REPLACE TRIGGER SHOP.TRIGGER_TS
  BEFORE INSERT ON SHOP.TABLE_SUPPLIER FOR EACH ROW
BEGIN
  SELECT SHOP.SEQUENCE_TS.NEXTVAL INTO :NEW.ID FROM DUAL;
END;
/
DROP SEQUENCE SHOP.SEQUENCE_TC;
CREATE SEQUENCE SHOP.SEQUENCE_TC
  START WITH 1
  INCREMENT BY 1;
CREATE OR REPLACE TRIGGER SHOP.TRIGGER_TC
  BEFORE INSERT ON SHOP.TABLE_CATEGORY FOR EACH ROW

```

```
BEGIN
    SELECT SHOP.SEQUENCE_TC.NEXTVAL INTO :NEW.ID FROM DUAL;
END;
/
DROP SEQUENCE SHOP.SEQUENCE_TG;
CREATE SEQUENCE SHOP.SEQUENCE_TG
    START WITH 1
    INCREMENT BY 1;
CREATE OR REPLACE TRIGGER SHOP.TRIGGER_TG
    BEFORE INSERT ON SHOP.TABLE_GOODS FOR EACH ROW
BEGIN
    SELECT SHOP.SEQUENCE_TG.NEXTVAL INTO :NEW.ID FROM DUAL;
END;
/
DROP SEQUENCE SHOP.SEQUENCE_TI;
CREATE SEQUENCE SHOP.SEQUENCE_TI
    START WITH 1
    INCREMENT BY 1;
CREATE OR REPLACE TRIGGER SHOP.TRIGGER_TI
    BEFORE INSERT ON SHOP.TABLE_INVENTORIES FOR EACH ROW
BEGIN
    SELECT SHOP.SEQUENCE_TI.NEXTVAL INTO :NEW.ID FROM DUAL;
END;
/
DROP SEQUENCE SHOP.SEQUENCE_TW;
CREATE SEQUENCE SHOP.SEQUENCE_TW
    START WITH 1
    INCREMENT BY 1;
CREATE OR REPLACE TRIGGER SHOP.TRIGGER_TW
    BEFORE INSERT ON SHOP.TABLE_WAYBILL FOR EACH ROW
BEGIN
    SELECT SHOP.SEQUENCE_TW.NEXTVAL INTO :NEW.ID FROM DUAL;
END;
/
DROP SEQUENCE SHOP.SEQUENCE_TGO;
CREATE SEQUENCE SHOP.SEQUENCE_TGO
    START WITH 1
    INCREMENT BY 1;
CREATE OR REPLACE TRIGGER SHOP.TRIGGER_TGO
    BEFORE INSERT ON SHOP.TABLE_GOODS_ORDER FOR EACH ROW
BEGIN
    SELECT SHOP.SEQUENCE_TGO.NEXTVAL INTO :NEW.ID FROM DUAL;
END;
/
DROP SEQUENCE SHOP.SEQUENCE_TPG;
CREATE SEQUENCE SHOP.SEQUENCE_TPG
    START WITH 1
    INCREMENT BY 1;
CREATE OR REPLACE TRIGGER SHOP.TRIGGER_TPG
    BEFORE INSERT ON SHOP.TABLE_PACKING FOR EACH ROW
BEGIN
    SELECT SHOP.SEQUENCE_TPG.NEXTVAL INTO :NEW.ID FROM DUAL;
END;
/
```