

```
CREATE TABLE EMPLOYEES(  
    EMPLOYEEID number(10) not null  
    constraint PK_EMPLOYEES_EMPLOYEEID PRIMARY KEY, DNI  
    char(9) null  
    constraint UQ_EMPLOYEES_DNI unique,  
    EMAIL varchar2(50) null  
    constraint UQ_EMPLOYEES_EMAIL unique,  
    ADDREESSTRET varchar2(50),  
    ADRESSNUM varchar2(7),  
    ADRESSFLOOR varchar2(4),  
    AOUNTNUMBER varchar2(24),  
    BIRTHDAY date not null,  
    AGE number(3),  
    NAME varchar2(20) not null,  
    FIRSTNAME varchar2(20),  
    SECONDNAME varchar2(20),  
);
```

```
CREATE TABLE EMPLOYEEEMAIL(  
    EMPLOYEEID NUMBER(10) not null,  
    EMAILS varchar2(50),  
    CONSTRAINT FK_EMPLOYEES_ EMPLOYEEID foreign key  
    (EMPLOYEEID) references EMPLOYEES(EMPLOYEEID),  
    CONSTRAINT PK_EMPLOYEEEMAIL_EMP_EMAIL PRIMARY KEY  
    (EMPLOYEEID,EMAILS)  
);
```

```
CREATE TABLE CARRIERS (  
    EMPLOYEEID number(10) not null  
    CONSTRAINT PK_CARRIERS_ EMPLOYEEID PRIMARY KEY,  
    CARRIERSID NUMBER(10) NOT NULL,  
    PHONE NUMBER(20) NOT NULL  
    constraint UQ_CARRIERS_PHONE unique,  
    CONSTRAINT FK_CARRIERS_ EMPLOYEEID foreign key  
    (EMPLOYEEID) references EMPLOYEES(EMPLOYEEID)  
);
```

```
CREATE TABLE SELLERS(  
    EMPLOYEEID number(10) not null  
    SELLERSID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_ SELLERS _ EMPLOYEEID PRIMARY KEY,  
    SHOPID NUMBER(10) NOT NULL,  
    CONSTRAINT FK_SELLERS_ EMPLOYEEID foreign key  
    (EMPLOYEEID) references EMPLOYEES(EMPLOYEEID)  
);
```

```
CREATE TABLE SELLERSTUDIES(  
    SELLERSID NUMBER(9) not null,  
    CONSTRAINT FK_ SELLERS _ SELLERSID foreign key (SELLERSID)  
    references SELLERS SELLERSID),  
    CONSTRAINT PK_ SELLERSSTUDIES_DEP_STU PRIMARY KEY  
    (SELLERSID,STUDY) );  
  
CREATE TABLE ADVISORS (  
    EMPLOYEEID number(10) not null  
    ADVISORSID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_ ADVISORS_ EMPLOYEEID PRIMARY KEY,  
    SEARCHNUMBER NUMBER(10) NOT NULL,  
    CONSTRAINT FK_ ADVISORS _EMPLOYEESID foreign key  
    (EMPLOYEEID) references EMPLOYEES(EMPLOYEEID),  
    CONSTRAINT FK_ ADVISORS _DEPARTMENTID foreign key  
    (DEPARTMENTID) references DEPARTMENTS(DEPARTMENTID),  
);
```

```
CREATE TABLE WAITERS'WAREHOUSES (  
    EMPLOYEEID number(10) not null  
    WAITER'SID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_WAITERS'_ EMPLOYEEID PRIMARY KEY, BEEPER  
    NUMBER(10),  
    CONSTRAINT FK_CARRIERS_ EMPLOYEEID foreign key  
    (EMPLOYEEID) references EMPLOYEES(EMPLOYEEID)  
);
```

```
CREATE TABLE MANAGERS (  
    EMPLOYEEID number(10) not null  
    MANAGERID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_ MANAGERS _ EMPLOYEEID PRIMARY KEY,  
    CONSTRAINT FK_ MANAGERS_ EMPLOYEEID foreign key  
    (EMPLOYEEID) references EMPLOYEES(EMPLOYEEID)  
);
```

Managers Studies

```
CREATE TABLE MANAGERSSTUDIES(  
    MANAGERID NUMBER(10) not null,  
    CONSTRAINT FK_ MANAGERS_MANAGERID foreign key  
    (MANAGERID) references MANAGERS (MANAGERID),  
    CONSTRAINT PK_ MANAGERSSTUDIES_MAN_STU PRIMARY KEY  
    (MANAGERID, QUALIFICATION)  
);
```

```
CREATE TABLE DIRECTORS (  
    EMPLOYEEID number(10) not null  
    DIRECTORID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_ DIRECTORS _ EMPLOYEEID PRIMARY KEY,  
    COMPANYID NUMBER(20) NOT NULL,  
    CONSTRAINT FK_ DIRECTORS _ EMPLOYEEID foreign key  
    (EMPLOYEEID) references EMPLOYEES(EMPLOYEEID)  
);
```

```
CREATE TABLE DIRECTORS STUDIES(  
    DIRECTORID NUMBER(10) not null,  
    CONSTRAINT FK_ DIRECTORS _MANAGERID foreign key  
    (DIRECTORID) references DIRECTORS (DIRECTORID),  
    CONSTRAINT PK_ DIRECTORSSTUDIES_DIR_STU PRIMARY KEY  
    (DIRECTORID, QUALIFICATION)  
);
```

```
CREATE TABLE SECURITYGUARDS (  
    EMPLOYEEID number(10) not null  
    SECURITYGUARDID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_ SECURITYGUARDS_ EMPLOYEEID PRIMARY KEY,  
    LICENSE NUMBER (20) NOT NULL,  
    WALKYTALKY NUMBER (20) NOT NULL,  
    CONSTRAINT UQ_ SECURITYGUARDS_ WALKYTALKY unique,  
    CONSTRAINT FK_ SECURITYGUARDS_ EMPLOYEEID foreign key  
    (EMPLOYEEID) references EMPLOYEES(EMPLOYEEID),  
    CONSTRAINT FK_ SECURITYGUARDS_ STOREID foreign key  
    (STOREID) references STORES(STOREID),  
);
```

```
CREATE TABLE ADMINISTRATIVES (  
    EMPLOYEEID number(10) not null  
    ADMINISTRATIVESID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_ ADMINISTRATIVES_ EMPLOYEEID PRIMARY KEY,  
    LICENSE NUMBER (20) NOT NULL,  
    CONSTRAINT FK_ SECURITYGUARDS_ EMPLOYEEID foreign key  
    (EMPLOYEEID) references EMPLOYEES(EMPLOYEEID),  
);
```

```
CREATE TABLE CUSTOMERS (  
    CUSTOMERID NUMBER(10,0) NOT NULL,  
    constraint PK_ CUSTOMERS_ CUSTOMERID PRIMARY KEY, NAME  
    varchar2(20) not null,  
    FIRSTNAME varchar2(20),  
    SECONDNAME varchar2(20), );  
CREATE TABLE PHYSICALS(  
    CUSTOMERID NUMBER(10,0) NOT NULL,  
    PHYSICALID NUMBER(10,0) NOT NULL,  
    CONSTRAINT PK_ PHYSICALS _CUSTOMERID PRIMARY KEY,  
    TICKETID NUMBER(15),  
    CONSTRAINT UQ_ PHYSICALS_ TICKETID unique,  
    CONSTRAINT FK_ PHYSICALS_ CUSTOMERID foreign key  
    (CUSTOMERID) references CUSTOMERS (CUSTOMERID),  
);
```

```

CREATE TABLE CYBERS(
    CUSTOMERID NUMBER(10,0) NOT NULL,
    CYBERID NUMBER(10) NOT NULL,
    constraint PK_ CYBERS_ CUSTOMERID PRIMARY KEY,
    ADDRESSSTREET varchar2(50),
    ADDRESSNUM varchar2(7),
    ADDRESSFLOOR varchar2(4),
    ACCOUNTNUMBER varchar2(24),
    CONSTRAINT FK_ CYBERS_ CUSTOMERID foreign key
    (CUSTOMERID) references CUSTOMERS (CUSTOMERID),
    CONSTRAINT FK_ CYBERS_ URL foreign key (URL) references WEB
    (URL)
);

```

```

CREATE TABLE CYBERSEMAILS(
    CYBERSID NUMBER(9) not null,
    EMAILS EMAIL(50),
    CONSTRAINT FK_ CYBERS_ CYBERID foreign key (CYBERID)
    references CYBERS (CYBERID),
    CONSTRAINT PK_ CYBERSEMAIL_CYB_EMAIL PRIMARY KEY
    (CYBERID,EMAIL) );
CREATE TABLE MAINTENANCESERVICES (
    MAINTENANCESERVICEID NUMBER(10) NOT NULL,
    constraint PK_ MAINTENANCESERVICES_MAINTENANCESERVICEID
    PRIMARY KEY, NUMCOMPUTER NUMBER (10),
    NUMEMPLOYEES NUMBER (20),
    CONSTRAINT FK_ MAINTENANCESERVICES _URL foreign key (URL)
    references WEB (URL),
    CONSTRAINT FK_ MAINTENANCESERVICES
    _COMPUTERENGINEERID foreign key (COMPUTER
    COMPUTERENGINEERID) references COMPUTERENGINEERS
    (COMPUTERENGINEERID),
    CONSTRAINT FK_ MAINTENANCESERVICES _ COUNTRY foreign key
    (COUNTRY) references HEADQUARTERS (COUNTRY),
);

```

```
CREATE TABLE WEB(  
    URL varchar(200) NOT NULL, NAME varchar(50) NOT NULL, constraint  
    UQ_ WEB_NAME unique,  
);
```

```
CREATE TABLE PRODUCTS(  
    PRODUCTID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_ PRODUCTS_PRODUCTID PRIMARY KEY,  
    MODEL NUMBER(15),  
    COLOUR varchar(10),  
    SIZE varchar(5),  
    CONSTRAINT FK_ PRODUCTS _DEPENDENTID foreign key  
    (DEPENDENTID) references DEPENDENTS (DEPENDENTID),  
    CONSTRAINT FK_ PRODUCTS _DEPARTMENTID foreign key  
    (DEPARTMENTID) references DEPARTMENTS (DEPARTMENTID),  
);
```

```
CREATE TABLE HEADQUARTERS(  
    COUNTRY varchar(20) NOT NULL,  
    CONSTRAINT PK_ HEADQUARTERS _ COUNTRY PRIMARY KEY,  
    NUMEMPLOYEES NUMBER(15),  
    NUMSTORES NUMBER(15),  
    ADDRESSSTREET varchar2(50),  
    ADDRESSNUM varchar2(7),  
    ADDRESSFLOOR varchar2(4),  
    ACCOUNTNUMBER varchar2(24),  
    NAMEDIRECTOR varchar (50),  
    DIRECTORID NUMBER(15),  
);
```

```
CREATE TABLE TRANSPORTCOMPANIES(  
    SHIPMENTID NUMBER(20) NOT NULL,  
    CONSTRAINT PK_ TRANSPORTCOMPANIES _SHIPMENTID PRIMARY  
    KEY, DATE NUMBER(10),  
    MODEOFTRANSPORT varchar(20),  
    COST NUMBER (30),
```

```
        DESTINATION varchar(50),  
    );
```

Stores

```
CREATE TABLE STORES(  
    STOREID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_STORES _STOREID PRIMARY KEY,  
    ADDRESS varchar(50),  
    CONSTRAINT UQ_STORES_ADDRESS unique,  
    NUMDEPARTMNETS NUMBER(15),  
    NUMEMPLOYEES NUMBER(15),  
    CONSTRAINT FK_STORES_CUSTOMERID foreign key  
    (CUSTOMERID) references CUSTOMERS (CUSTOMERID),  
    CONSTRAINT FK_STORES_COUNTRY foreign key (COUNTRY)  
    references TRANSPORTCOMPANIES (COUNTRY),  
);
```

Store TlpNumbers

```
CREATE TABLE STORETLPNUMBERS(  
    STOREID NUMBER(9) not null,  
    TLPNUMBER NUMBER(50),  
    CONSTRAINT FK_STORETLPNUMBERS _STOREID foreign key  
    (STOREID) references STORES(STOREID),  
    CONSTRAINT PK_STORETLPNUMBERS _STO_TLPN PRIMARY KEY  
    (STOREID,TLPNUMBER)  
);
```

Departments

```
CREATE TABLE DEPARTMETNS(  
    DEPARTMENTID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_DEPARTMETNS _DEPARTMENTID PRIMARY KEY,  
    NUMDEPRODUCTS NUMBER(15),  
    NUMEMPLOYEES NUMBER(15),  
    CONSTRAINT FK_DEPARTMENTS_STOREID foreign key (STOREID)  
    references STORES (STOREID),  
);
```

Warehouses

```
CREATE TABLE WAREHOUSES(  
    WAREHOUSEID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_ WAREHOUSES _ WAREHOUSEID PRIMARY KEY,  
    ADDRESS varchar(50),  
    CONSTRAINT UQ_ WAREHOUSES_ ADDRESS unique,  
    NUMWAITER'SWA NUMBER(15),  
    NUMEMPLOYEES NUMBER(15),  
);
```

Stowar

```
CREATE TABLE STOWAR(  
    WAREHOUSEID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_ WAREHOUSES _ WAREHOUSEID PRIMARY KEY,  
    STOREID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_ STOWAR _ STOREID PRIMARY KEY,  
);
```

Prowar

```
CREATE TABLE PROWAR(  
    WAREHOUSEID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_ WAREHOUSES _ WAREHOUSEID PRIMARY KEY,  
    PRODUCTID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_ PROWAR _ PRODUCTID PRIMARY KEY,  
);
```

Depphy

```
CREATE TABLE DEPPHY(  
    CUSTOMERID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_ DEPPHY _CUSTOMERID PRIMARY KEY,  
    DEPARTMENTID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_ DEPPHY _ DEPARTMENTID PRIMARY KEY,  
);
```


Depdep

```
CREATE TABLE DEPDEP(  
    DEPENDENTID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_DEPDEP _DEPENDENTID PRIMARY KEY,  
    DEPARTMENTID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_DEPDEP _DEPARTMENTID PRIMARY KEY,  
);
```

Sales

```
CREATE TABLE SALES(  
    CUSTOMERID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_SALES _CUSTOMERID PRIMARY KEY,  
    PRODUCTID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_SALES _PRODUCTID PRIMARY KEY,  
    STOREID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_SALES _STOREID PRIMARY KEY,  
);
```

Claims

```
CREATE TABLE CLAIMS(  
    CLAIMCODE NUMBER(10) NOT NULL,  
    CONSTRAINT PK_CLAIMS _CUSTOMERID PRIMARY KEY,  
    DATE NUMBER(10) NOT NULL,  
    EMPLOYEEATTENDS NUMBER (10),  
    NAME varchar (50),  
    DESCRIPTION varchar (500),  
    CONSTRAINT FK_STORES_CUSTOMERID foreign key  
    (CUSTOMERID) references CUSTOMERS (CUSTOMERID),  
);
```

Showcases

```
CREATE TABLE SHOWCASES(  
    STOREID NUMBER(10) NOT NULL,  
    CONSTRAINT PK_SHOWCASES_STOREID PRIMARY KEY,  
    SEASON varchar (20),  
    WEATEHR varchar (20),  
    CONSTRAINT FK_SHOWCASES_DEPENDENTID foreign key  
    (DEPENDENTID) references DEPENDENTS (DEPENDENTID),  
    CONSTRAINT FK_SHOWCASES_STOREID foreign key (STOREID)  
    references STORES (STOREID),  
);
```

Salaries

```
CREATE TABLE SALARIES(  
    CONSTRAINT PK_SALARIES_EMPLOYEEID PRIMARY KEY,  
    QUANTITY NUMBER (10),  
    EXTRAPAYMENTS NUMBER (10),  
    CONSTRAINT FK_SALARY_EMPLOYEEID foreign key (EMPLOYEEID)  
    references EMPLOYEES (EMPLOYEEID),  
);
```