USE DATABASE "DEMODATABASE";

CREATE TABLE "AGENTS"

(

"AGENT\_CODE" CHAR(6) NOT NULL PRIMARY KEY,

"AGENT\_NAME" CHAR(40),

"WORKING\_AREA" CHAR(35),

"COMMISSION" NUMBER(10,2),

"PHONE\_NO" CHAR(15),

"COUNTRY" VARCHAR2(25)

);

INSERT INTO AGENTS VALUES ('A007', 'Ramasundar', 'Bangalore', '0.15', '077-25814763', '');

INSERT INTO AGENTS VALUES ('A003', 'Alex ', 'London', '0.13', '075-12458969', '');

INSERT INTO AGENTS VALUES ('A008', 'Alford', 'New York', '0.12', '044-25874365', '');

INSERT INTO AGENTS VALUES ('A011', 'Ravi Kumar', 'Bangalore', '0.15', '077-45625874', '');

INSERT INTO AGENTS VALUES ('A010', 'Santakumar', 'Chennai', '0.14', '007-22388644', '');

INSERT INTO AGENTS VALUES ('A012', 'Lucida', 'San Jose', '0.12', '044-52981425', '');

INSERT INTO AGENTS VALUES ('A005', 'Anderson', 'Brisban', '0.13', '045-21447739', '');

INSERT INTO AGENTS VALUES ('A001', 'Subbarao', 'Bangalore', '0.14', '077-12346674', '');

INSERT INTO AGENTS VALUES ('A002', 'Mukesh', 'Mumbai', '0.11', '029-12358964', '');

INSERT INTO AGENTS VALUES ('A006', 'McDen', 'London', '0.15', '078-22255588', '');

INSERT INTO AGENTS VALUES ('A004', 'Ivan', 'Torento', '0.15', '008-22544166', '');

INSERT INTO AGENTS VALUES ('A009', 'Benjamin', 'Hampshair', '0.11', '008-22536178', '');

SELECT \* FROM AGENTS;

UPDATE AGENTS

SET COUNTRY = 'IND'

WHERE AGENT\_CODE = 'A010';

ALTER TABLE AGENTS

ALTER COLUMN PHONE\_NO NOT NULL;

ALTER TABLE AGENTS

DROP COLUMN COUNTRY;

--- NUMBER OF AGENTS IN EACH WORKING AREA

SELECT WORKING\_AREA,COUNT(DISTINCT AGENT\_CODE) AS AGENTS\_WORKING\_AREA

FROM AGENTS

GROUP BY 1

ORDER BY 1 ;

CREATE TABLE "CUSTOMER"

(

"CUST\_CODE" VARCHAR2(6) NOT NULL PRIMARY KEY,

"CUST\_NAME" VARCHAR2(40) NOT NULL,

"CUST\_CITY" CHAR(35),

"WORKING\_AREA" VARCHAR2(35) NOT NULL,

"CUST\_COUNTRY" VARCHAR2(20) NOT NULL,

"GRADE" NUMBER,

"OPENING\_AMT" NUMBER(12,2) NOT NULL,

"RECEIVE\_AMT" NUMBER(12,2) NOT NULL,

"PAYMENT\_AMT" NUMBER(12,2) NOT NULL,

"OUTSTANDING\_AMT" NUMBER(12,2) NOT NULL,

"PHONE\_NO" VARCHAR2(17) NOT NULL,

"AGENT\_CODE" CHAR(6) NOT NULL REFERENCES AGENTS

);

INSERT INTO CUSTOMER VALUES ('C00013', 'Holmes', 'London', 'London', 'UK', '2', '6000.00', '5000.00', '7000.00', '4000.00', 'BBBBBBB', 'A003');

INSERT INTO CUSTOMER VALUES ('C00001', 'Micheal', 'New York', 'New York', 'USA', '2', '3000.00', '5000.00', '2000.00', '6000.00', 'CCCCCCC', 'A008');

INSERT INTO CUSTOMER VALUES ('C00020', 'Albert', 'New York', 'New York', 'USA', '3', '5000.00', '7000.00', '6000.00', '6000.00', 'BBBBSBB', 'A008');

INSERT INTO CUSTOMER VALUES ('C00025', 'Ravindran', 'Bangalore', 'Bangalore', 'India', '2', '5000.00', '7000.00', '4000.00', '8000.00', 'AVAVAVA', 'A011');

INSERT INTO CUSTOMER VALUES ('C00024', 'Cook', 'London', 'London', 'UK', '2', '4000.00', '9000.00', '7000.00', '6000.00', 'FSDDSDF', 'A006');

INSERT INTO CUSTOMER VALUES ('C00015', 'Stuart', 'London', 'London', 'UK', '1', '6000.00', '8000.00', '3000.00', '11000.00', 'GFSGERS', 'A003');

INSERT INTO CUSTOMER VALUES ('C00002', 'Bolt', 'New York', 'New York', 'USA', '3', '5000.00', '7000.00', '9000.00', '3000.00', 'DDNRDRH', 'A008');

INSERT INTO CUSTOMER VALUES ('C00018', 'Fleming', 'Brisban', 'Brisban', 'Australia', '2', '7000.00', '7000.00', '9000.00', '5000.00', 'NHBGVFC', 'A005');

INSERT INTO CUSTOMER VALUES ('C00021', 'Jacks', 'Brisban', 'Brisban', 'Australia', '1', '7000.00', '7000.00', '7000.00', '7000.00', 'WERTGDF', 'A005');

INSERT INTO CUSTOMER VALUES ('C00019', 'Yearannaidu', 'Chennai', 'Chennai', 'India', '1', '8000.00', '7000.00', '7000.00', '8000.00', 'ZZZZBFV', 'A010');

INSERT INTO CUSTOMER VALUES ('C00005', 'Sasikant', 'Mumbai', 'Mumbai', 'India', '1', '7000.00', '11000.00', '7000.00', '11000.00', '147-25896312', 'A002');

INSERT INTO CUSTOMER VALUES ('C00007', 'Ramanathan', 'Chennai', 'Chennai', 'India', '1', '7000.00', '11000.00', '9000.00', '9000.00', 'GHRDWSD', 'A010');

INSERT INTO CUSTOMER VALUES ('C00022', 'Avinash', 'Mumbai', 'Mumbai', 'India', '2', '7000.00', '11000.00', '9000.00', '9000.00', '113-12345678','A002');

INSERT INTO CUSTOMER VALUES ('C00004', 'Winston', 'Brisban', 'Brisban', 'Australia', '1', '5000.00', '8000.00', '7000.00', '6000.00', 'AAAAAAA', 'A005');

INSERT INTO CUSTOMER VALUES ('C00023', 'Karl', 'London', 'London', 'UK', '0', '4000.00', '6000.00', '7000.00', '3000.00', 'AAAABAA', 'A006');

INSERT INTO CUSTOMER VALUES ('C00006', 'Shilton', 'Torento', 'Torento', 'Canada', '1', '10000.00', '7000.00', '6000.00', '11000.00', 'DDDDDDD', 'A004');

INSERT INTO CUSTOMER VALUES ('C00010', 'Charles', 'Hampshair', 'Hampshair', 'UK', '3', '6000.00', '4000.00', '5000.00', '5000.00', 'MMMMMMM', 'A009');

INSERT INTO CUSTOMER VALUES ('C00017', 'Srinivas', 'Bangalore', 'Bangalore', 'India', '2', '8000.00', '4000.00', '3000.00', '9000.00', 'AAAAAAB', 'A007');

INSERT INTO CUSTOMER VALUES ('C00012', 'Steven', 'San Jose', 'San Jose', 'USA', '1', '5000.00', '7000.00', '9000.00', '3000.00', 'KRFYGJK', 'A012');

INSERT INTO CUSTOMER VALUES ('C00008', 'Karolina', 'Torento', 'Torento', 'Canada', '1', '7000.00', '7000.00', '9000.00', '5000.00', 'HJKORED', 'A004');

INSERT INTO CUSTOMER VALUES ('C00003', 'Martin', 'Torento', 'Torento', 'Canada', '2', '8000.00', '7000.00', '7000.00', '8000.00', 'MJYURFD', 'A004');

INSERT INTO CUSTOMER VALUES ('C00009', 'Ramesh', 'Mumbai', 'Mumbai', 'India', '3', '8000.00', '7000.00', '3000.00', '12000.00', 'Phone No', 'A002');

INSERT INTO CUSTOMER VALUES ('C00014', 'Rangarappa', 'Bangalore', 'Bangalore', 'India', '2', '8000.00', '11000.00', '7000.00', '12000.00', 'AAAATGF', 'A001');

INSERT INTO CUSTOMER VALUES ('C00016', 'Venkatpati', 'Bangalore', 'Bangalore', 'India', '2', '8000.00', '11000.00', '7000.00', '12000.00', 'JRTVFDD', 'A007');

INSERT INTO CUSTOMER VALUES ('C00011', 'Sundariya', 'Chennai', 'Chennai', 'India', '3', '7000.00', '11000.00', '7000.00', '11000.00', 'PPHGRTS', 'A010');

CREATE TABLE "ORDERS"

(

"ORD\_NUM" NUMBER(6,0) NOT NULL PRIMARY KEY,

"ORD\_AMOUNT" NUMBER(12,2) NOT NULL,

"ADVANCE\_AMOUNT" NUMBER(12,2) NOT NULL,

"ORD\_DATE" DATE NOT NULL,

"CUST\_CODE" VARCHAR2(6) NOT NULL REFERENCES CUSTOMER,

"AGENT\_CODE" CHAR(6) NOT NULL REFERENCES AGENTS,

"ORD\_DESCRIPTION" VARCHAR2(60) NOT NULL

);

INSERT INTO ORDERS VALUES('200100', '1000.00', '600.00', '08/01/2008', 'C00013', 'A003', 'SOD');

INSERT INTO ORDERS VALUES('200110', '3000.00', '500.00', '04/15/2008', 'C00019', 'A010', 'SOD');

INSERT INTO ORDERS VALUES('200107', '4500.00', '900.00', '08/30/2008', 'C00007', 'A010', 'SOD');

INSERT INTO ORDERS VALUES('200112', '2000.00', '400.00', '05/30/2008', 'C00016', 'A007', 'SOD');

INSERT INTO ORDERS VALUES('200113', '4000.00', '600.00', '06/10/2008', 'C00022', 'A002', 'SOD');

INSERT INTO ORDERS VALUES('200102', '2000.00', '300.00', '05/25/2008', 'C00012', 'A012', 'SOD');

INSERT INTO ORDERS VALUES('200114', '3500.00', '2000.00', '08/15/2008', 'C00002', 'A008', 'SOD');

INSERT INTO ORDERS VALUES('200122', '2500.00', '400.00', '09/16/2008', 'C00003', 'A004', 'SOD');

INSERT INTO ORDERS VALUES('200118', '500.00', '100.00', '07/20/2008', 'C00023', 'A006', 'SOD');

INSERT INTO ORDERS VALUES('200119', '4000.00', '700.00', '09/16/2008', 'C00007', 'A010', 'SOD');

INSERT INTO ORDERS VALUES('200121', '1500.00', '600.00', '09/23/2008', 'C00008', 'A004', 'SOD');

INSERT INTO ORDERS VALUES('200130', '2500.00', '400.00', '07/30/2008', 'C00025', 'A011', 'SOD');

INSERT INTO ORDERS VALUES('200134', '4200.00', '1800.00', '09/25/2008', 'C00004', 'A005', 'SOD');

INSERT INTO ORDERS VALUES('200108', '4000.00', '600.00', '02/15/2008', 'C00008', 'A004', 'SOD');

INSERT INTO ORDERS VALUES('200103', '1500.00', '700.00', '05/15/2008', 'C00021', 'A005', 'SOD');

INSERT INTO ORDERS VALUES('200105', '2500.00', '500.00', '07/18/2008', 'C00025', 'A011', 'SOD');

INSERT INTO ORDERS VALUES('200109', '3500.00', '800.00', '07/30/2008', 'C00011', 'A010', 'SOD');

INSERT INTO ORDERS VALUES('200101', '3000.00', '1000.00', '07/15/2008', 'C00001', 'A008', 'SOD');

INSERT INTO ORDERS VALUES('200111', '1000.00', '300.00', '07/10/2008', 'C00020', 'A008', 'SOD');

INSERT INTO ORDERS VALUES('200104', '1500.00', '500.00', '03/13/2008', 'C00006', 'A004', 'SOD');

INSERT INTO ORDERS VALUES('200106', '2500.00', '700.00', '04/20/2008', 'C00005', 'A002', 'SOD');

INSERT INTO ORDERS VALUES('200125', '2000.00', '600.00', '10/10/2008', 'C00018', 'A005', 'SOD');

INSERT INTO ORDERS VALUES('200117', '800.00', '200.00', '10/20/2008', 'C00014', 'A001', 'SOD');

INSERT INTO ORDERS VALUES('200123', '500.00', '100.00', '09/16/2008', 'C00022', 'A002', 'SOD');

INSERT INTO ORDERS VALUES('200120', '500.00', '100.00', '07/20/2008', 'C00009', 'A002', 'SOD');

INSERT INTO ORDERS VALUES('200116', '500.00', '100.00', '07/13/2008', 'C00010', 'A009', 'SOD');

INSERT INTO ORDERS VALUES('200124', '500.00', '100.00', '06/20/2008', 'C00017', 'A007', 'SOD');

INSERT INTO ORDERS VALUES('200126', '500.00', '100.00', '06/24/2008', 'C00022', 'A002', 'SOD');

INSERT INTO ORDERS VALUES('200129', '2500.00', '500.00', '07/20/2008', 'C00024', 'A006', 'SOD');

INSERT INTO ORDERS VALUES('200127', '2500.00', '400.00', '07/20/2008', 'C00015', 'A003', 'SOD');

INSERT INTO ORDERS VALUES('200128', '3500.00', '1500.00', '07/20/2008', 'C00009', 'A002', 'SOD');

INSERT INTO ORDERS VALUES('200135', '2000.00', '800.00', '09/16/2008', 'C00007', 'A010', 'SOD');

INSERT INTO ORDERS VALUES('200131', '900.00', '150.00', '08/26/2008', 'C00012', 'A012', 'SOD');

INSERT INTO ORDERS VALUES('200133', '1200.00', '400.00', '06/29/2008', 'C00009', 'A002', 'SOD');