CREATE TABLE client (

id\_client NUMBER(10) PRIMARY KEY,

email VARCHAR2(50) NOT NULL,

nume VARCHAR2(50) NOT NULL,

prenume VARCHAR2(80) NOT NULL,

numar VARCHAR2(10) NOT NULL,

strada VARCHAR2(50) NOT NULL,

oras VARCHAR2(30) NOT NULL,

judet VARCHAR2(30) NOT NULL,

cod\_postal VARCHAR2(10) NOT NULL,

parola VARCHAR2(50) NOT NULL CONSTRAINT chk\_parola CHECK (LENGTH(parola) >= 10 AND REGEXP\_LIKE(parola, '[A-Z]') AND REGEXP\_LIKE(parola, '[\*\_|!]'))

);

CREATE TABLE firma\_de\_curierat (

id\_firma\_curierat number(10) PRIMARY KEY,

nume varchar2(50) NOT NULL UNIQUE,

email\_contact varchar2(50) NOT NULL UNIQUE

);

CREATE TABLE comanda (

id\_comanda NUMBER(10) PRIMARY KEY,

id\_client NUMBER(10) NOT NULL,

plasata\_la TIMESTAMP NOT NULL,

AWB NUMBER(10) UNIQUE,

id\_firma\_curierat NUMBER(10) NOT NULL,

CONSTRAINT fk\_id\_client FOREIGN KEY (id\_client) REFERENCES client(id\_client) ON DELETE CASCADE,

CONSTRAINT fk\_firma\_curierat FOREIGN KEY (id\_firma\_curierat) REFERENCES firma\_de\_curierat(id\_firma\_curierat) ON DELETE CASCADE

);

CREATE TABLE factura (

id\_factura number(10) PRIMARY KEY,

id\_comanda number(10) NOT NULL ,

metoda\_de\_plata varchar2(30) NOT NULL,

CONSTRAINT fk\_factura FOREIGN KEY (id\_comanda) REFERENCES comanda(id\_comanda) ON DELETE CASCADE

);

CREATE TABLE distribuitor (

id\_distribuitor number(10) PRIMARY KEY,

email\_contact varchar2(50) NOT NULL,

nume varchar2(50) NOT NULL UNIQUE

);

CREATE TABLE categorie (

id\_categorie number(5) PRIMARY KEY,

nume varchar2(50) NOT NULL UNIQUE

);

CREATE TABLE produs (

id\_produs number(10) PRIMARY KEY,

id\_distribuitor number(10) NOT NULL,

id\_categorie number(5) NOT NULL,

nume varchar2(50) NOT NULL,

autor varchar2(30),

CONSTRAINT fk\_distribuitor FOREIGN KEY (id\_distribuitor) REFERENCES distribuitor(id\_distribuitor) ON DELETE CASCADE,

CONSTRAINT fk\_categorie FOREIGN KEY (id\_categorie) REFERENCES categorie(id\_categorie) ON DELETE SET NULL

);

CREATE TABLE produs\_comandat (

id\_comanda number(10) NOT NULL,

id\_produs number(10) NOT NULL,

numar number(4) NOT NULL CONSTRAINT chk\_numar CHECK (numar > 0),

CONSTRAINT pk\_produs\_comandat PRIMARY KEY (id\_comanda,id\_produs),

CONSTRAINT fk\_comanda FOREIGN KEY (id\_comanda) REFERENCES comanda(id\_comanda) ON DELETE CASCADE,

CONSTRAINT fk\_produs FOREIGN KEY (id\_produs) REFERENCES produs(id\_produs) ON DELETE CASCADE

);

---------inserare clienti

INSERT ALL

INTO client VALUES (1, 'givechiLeonard@yahoo.com', 'Givechi', 'Leonard', '0773367782', 'Splaiul Independetei', 'Bucuresti', 'Bucuresti', '543231', 'Cabral456!')

INTO client VALUES (2, 'greblaGicu@gmail.com', 'Grebla', 'Gicu', '0773367782', 'Strada Stefan cel Mare', 'Vaslui', 'Vaslui', '54321', 'Parola456!')

INTO client VALUES (3, 'gigelprogaming12@outlook.com', 'Popa', 'Gigel', '0787878782', 'Strada Victoriei', 'Iasi', 'Iasi', '98765', 'Parola789\*')

INTO client VALUES (4, 'ConstantinCostin29@outlook.com', 'Costantin', 'Costin Cosmin', '0793287601', 'Strada Progresului', 'Bucuresti', 'Bucuresti', '10065', 'Pa55sss789\*')

INTO client VALUES (5, 'gigelprogaming12@outlook.com', 'Tudor', 'Vladimirescu', '0733558899', 'Strada Nicolae Iorga', 'Focsani', 'Vrancea', '84242', 'Ciscoconpa55!')

INTO client VALUES (6, 'deliutzaMihai@outlook.com', 'Mihai', 'Delia Irina', '0787234789', 'Strada Revolutiei', 'Targoviste', 'Targoviste', '123233', 'Parola123\_')

INTO client VALUES (7, 'tomaPatrascu\_03@gmail.com', 'Patrascu', 'Toma', '0774678289', 'Bulevardul Unirii', 'Targoviste', 'Targoviste', '98765', 'Parola789\*')

INTO client VALUES (8, 'gicugi02@outlook.com', 'Gicu', 'Gigi', '0701234567', 'Strada Armatei', 'Barlad', 'Vaslui', '201765', 'Rdwola789\*')

INTO client VALUES (9, 'iorga\_90@gmail.com', 'Iorga', 'Iasmina', '0722355333', 'Strada Tudor Vladimirescu', 'Iasi', 'Iasi', '987125', 'LOlola789\*')

INTO client VALUES (10, 'mirceaVladoiu1997@outlook.com', 'Vladoiu', 'Mircea', '0722210111', 'Strada Emanciparii', 'Bucuresti', 'Bucuresti', '012923', 'Parola789\*')

INTO client VALUES (11, 'adrianLapusneanu@outlook.com', 'Lapusneanu', 'Adrian Andrei', '0772167890', 'Calea Plevnei', 'Bucuresti', 'Bucuresti', '2323', 'Lalala112!')

INTO client VALUES (12, 'hasdeuIon02@s.unibuc.ro', 'Hasdeu', 'Ion Pavel', '0763256563', 'Strada Spitalului', 'Vaslui', 'Vaslui', '07732', 'rockROCK689\_')

INTO client VALUES (13, 'gigelpopa22@gmail.com', 'Popa', 'Gigel', '0780234333', 'Strada Victoriei', 'Iasi', 'Iasi', '12765', 'Dacola211\*')

INTO client VALUES (14, 'popa\_gherasim@outlook.com', 'Popa', 'Gherasim', '0774422333', 'Strada Atomistilor', 'Magurele', 'Ilfov', '923765', 'PavelPavel12\*')

INTO client VALUES (15, 'atasieiFabia@outlook.com', 'Atasiei', 'Fabian', '0702101221', 'Strada Timisoara', 'Brasov', 'Brasov', '00021', 'PotecaUrsilor9!')

INTO client VALUES (16, 'fratila\_teo2002@outlook.com', 'Fratila', 'Teo', '0729200121', 'Strada Fabrica de Zahar', 'Bucuresti', 'Bucuresti', '888888', '!Rautaterea12')

INTO client VALUES (17, 'dudarea@yahoo.com', 'Dudau', 'Gheorghe', '0786668782', 'Strada Dacia', 'Roman', 'Iasi', '78225', 'Parola6969\*')

INTO client VALUES (18, 'obuStefan11@yahoo.com', 'Obu', 'Stefan', '0722342323', 'Strada Bucium', 'Iasi', 'Iasi', '100238', 'SecretDiscret789\*')

INTO client VALUES (19, 'flaviusSepte@outlook.com', 'Ramura', 'Flavius', '0766352673', 'Strada Regina Maria', 'Iasi', 'Iasi', '10765', 'DiscretSecret909\*')

INTO client VALUES (20, 'Constantin\_tiberius@outlook.com', 'Tiberius', 'Constantin', '0787878782', 'Strada Carol I', 'Bucuresti', 'Bucuresti', '66765', 'Divanturc789\*')

SELECT \* FROM dual;

-------------inserare firme curierat

INSERT ALL

INTO firma\_de\_curierat VALUES (400, 'Posta Romana', 'contact@posta.romana.ro')

INTO firma\_de\_curierat VALUES (401, 'Fan Curier', 'contact@fanCurier.ro')

INTO firma\_de\_curierat VALUES (402, 'Cargus', 'contact@cargus.ro')

INTO firma\_de\_curierat VALUES (403, 'DHL', 'contact@dhl.com')

INTO firma\_de\_curierat VALUES (404, 'SameDay', 'contact@sameDay.ro')

INTO firma\_de\_curierat VALUES (405, 'FedEx', 'contact@fedEx.ro')

INTO firma\_de\_curierat VALUES (406, 'GLS', 'contact@gls.ro')

INTO firma\_de\_curierat VALUES (407, 'Dragon Star Curier', 'contact@dgs.ro')

INTO firma\_de\_curierat VALUES (408, 'UPS', 'contact@ups.ro')

SELECT \* FROM dual;

----inserare comenzi

INSERT ALL

INTO comanda VALUES (1010, 1, TO\_TIMESTAMP('2023-02-01 14:30:00', 'YYYY-MM-DD HH24:MI:SS'), 921313210, 401)

INTO comanda VALUES (1020, 2, TO\_TIMESTAMP('2023-02-01 15:45:00', 'YYYY-MM-DD HH24:MI:SS'), 9000043211, 401)

INTO comanda VALUES (1030, 3, TO\_TIMESTAMP('2023-03-01 16:45:00', 'YYYY-MM-DD HH24:MI:SS'), 5678901234, 403)

INTO comanda VALUES (1040, 3, TO\_TIMESTAMP('2023-03-02 17:30:00', 'YYYY-MM-DD HH24:MI:SS'), 9876543212, 407)

INTO comanda VALUES (1050, 3, TO\_TIMESTAMP('2023-03-03 18:15:00', 'YYYY-MM-DD HH24:MI:SS'), 1112233446, 403)

INTO comanda VALUES (1060, 3, TO\_TIMESTAMP('2023-03-04 19:00:00', 'YYYY-MM-DD HH24:MI:SS'), 9998887771, 400)

INTO comanda VALUES (1070, 1, TO\_TIMESTAMP('2023-03-05 19:45:00', 'YYYY-MM-DD HH24:MI:SS'), 1111222234, 400)

INTO comanda VALUES (1080, 9, TO\_TIMESTAMP('2023-03-06 20:30:00', 'YYYY-MM-DD HH24:MI:SS'), 4445556668, 407)

INTO comanda VALUES (1090, 15, TO\_TIMESTAMP('2023-03-07 21:15:00', 'YYYY-MM-DD HH24:MI:SS'), 7776665555, 403)

INTO comanda VALUES (1100, 13, TO\_TIMESTAMP('2023-03-08 22:00:00', 'YYYY-MM-DD HH24:MI:SS'), 3334445557, 402)

INTO comanda VALUES (1110, 19, TO\_TIMESTAMP('2023-03-09 22:45:00', 'YYYY-MM-DD HH24:MI:SS'), 6667778890, 404)

INTO comanda VALUES (1120, 18, TO\_TIMESTAMP('2023-03-10 23:30:00', 'YYYY-MM-DD HH24:MI:SS'), 1111112223, 403)

INTO comanda VALUES (1130, 17, TO\_TIMESTAMP('2023-03-11 11:45:30', 'YYYY-MM-DD HH24:MI:SS'), 8889990002, 405)

INTO comanda VALUES (1140, 16, TO\_TIMESTAMP('2023-03-12 16:45:00', 'YYYY-MM-DD HH24:MI:SS'), 5554443333, 404)

INTO comanda VALUES (1150, 12, TO\_TIMESTAMP('2023-03-13 16:45:00', 'YYYY-MM-DD HH24:MI:SS'), 2223334446, 405)

INTO comanda VALUES (1160, 11, TO\_TIMESTAMP('2023-03-14 16:45:00', 'YYYY-MM-DD HH24:MI:SS'), 9990001113, 403)

INTO comanda VALUES (1170, 10, TO\_TIMESTAMP('2023-03-15 16:45:00', 'YYYY-MM-DD HH24:MI:SS'), 8887776664, 403)

INTO comanda VALUES (1180, 8, TO\_TIMESTAMP('2023-03-16 16:45:00', 'YYYY-MM-DD HH24:MI:SS'), 1011121315, 408)

INTO comanda VALUES (1190, 7, TO\_TIMESTAMP('2023-03-17 16:45:00', 'YYYY-MM-DD HH24:MI:SS'), 1516171820, 400)

INTO comanda VALUES (1200, 6, TO\_TIMESTAMP('2023-03-18 16:45:00', 'YYYY-MM-DD HH24:MI:SS'), 2021222325, 408)

INTO comanda VALUES (1210, 14, TO\_TIMESTAMP('2023-03-19 16:45:00', 'YYYY-MM-DD HH24:MI:SS'), 2526272830, 408)

SELECT \* FROM dual;

------------inserare facturi

INSERT ALL

INTO factura VALUES (100, 1010, 'card')

INTO factura VALUES (101, 1020, 'ramburs')

INTO factura VALUES (102, 1030, 'card')

INTO factura VALUES (103, 1040, 'ramburs')

INTO factura VALUES (104, 1050, 'card')

INTO factura VALUES (105, 1060, 'ramburs')

INTO factura VALUES (106, 1070, 'card')

INTO factura VALUES (107, 1080, 'ramburs')

INTO factura VALUES (108, 1090, 'card')

INTO factura VALUES (109, 1100, 'ramburs')

INTO factura VALUES (110, 1110, 'card')

INTO factura VALUES (111, 1120, 'card')

INTO factura VALUES (112, 1120, 'card')

INTO factura VALUES (113, 1140, 'ramburs')

INTO factura VALUES (114, 1150, 'card')

INTO factura VALUES (115, 1160, 'ramburs')

INTO factura VALUES (116, 1170, 'card')

INTO factura VALUES (117, 1180, 'ramburs')

INTO factura VALUES (118, 1200, 'card')

INTO factura VALUES (119, 1210, 'ramburs')

INTO factura VALUES (120, 1020, 'card')

INTO factura VALUES (121, 1030, 'ramburs')

INTO factura VALUES (122, 1040, 'card')

INTO factura VALUES (123, 1050, 'ramburs')

INTO factura VALUES (124, 1060, 'card')

INTO factura VALUES (125, 1070, 'ramburs')

INTO factura VALUES (126, 1080, 'card')

INTO factura VALUES (127, 1110, 'ramburs')

INTO factura VALUES (128, 1110, 'card')

INTO factura VALUES (129, 1120, 'ramburs')

INTO factura VALUES (130, 1130, 'card')

SELECT \* FROM dual;

--------inserare distribuitor

INSERT ALL

INTO distribuitor VALUES (500, 'contact@booklet.ro', 'Editura Booklet')

INTO distribuitor VALUES (525, 'contact@editura3.ro', 'Editura 3')

INTO distribuitor VALUES (550, 'contact@nemira.ro', 'Nemira')

INTO distribuitor VALUES (600, 'contact@rao.ro', 'RAO')

INTO distribuitor VALUES (650, 'contact@edituraParalel45.ro', 'Editura Paralela 45')

INTO distribuitor VALUES (700, 'contact@edituraCorint.ro', 'Corint')

INTO distribuitor VALUES (750, 'contact@humantis.ro', 'Humanitas')

INTO distribuitor VALUES (800, 'contact@penguin.com', 'Penguin')

INTO distribuitor VALUES (850, 'contact@adevarul.ro', 'Adevarul')

INTO distribuitor VALUES (900, 'contact@litera.ro', 'Litera')

SELECT \* FROM dual;

----------------inserare categorie

INSERT ALL

INTO categorie VALUES (10, 'Istorie')

INTO categorie VALUES (20, 'Filozofie')

INTO categorie VALUES (30, 'Psihologie')

INTO categorie VALUES (40, 'Beletristica')

INTO categorie VALUES (50, 'Litera Clasice')

INTO categorie VALUES (60, 'Religie')

INTO categorie VALUES (70, 'Manuale si auxiliare')

INTO categorie VALUES (80, 'Stiinte')

INTO categorie VALUES (90, 'Gastronomie')

INTO categorie VALUES (100, 'Carte Straina')

SELECT \* FROM dual;

------------inserare produs

INSERT ALL

INTO produs VALUES (5001, 600, 10, 'Ruleta Ruseasca', 'Michael Isikoff')

INTO produs VALUES (5002, 600, 10, 'Pretul Deminitatii', 'Laura Ganea')

INTO produs VALUES (5003, 600, 80, 'X-CYBER Viitorul incepe azi', 'Marc Goodman')

INTO produs VALUES (5004, 600, 20, 'Filosofia lui Habermas', 'Andrei Marga')

INTO produs VALUES (5005, 550, 40, 'Turnul Intunecat 2', 'Stephen King')

INTO produs VALUES (5006, 550, 100, 'The Dark Tower 1', 'Stephen King')

INTO produs VALUES (5007, 600, 50, 'Opere alese', 'Goethe')

INTO produs VALUES (5008, 700, 70, 'Romania Atlas Geografic', 'Octavian Mandrut')

INTO produs VALUES (5009, 700, 70, 'Bac Limba si literatura romana 2023', 'Monica Ciprian')

INTO produs VALUES (5010, 650, 70, 'Evaluare Nationala Matematica', 'Gabriel Popa')

INTO produs VALUES (5011, 650, 70, 'Matematica si explorarea mediului','Luis Gabriel')

INTO produs VALUES (5012, 750, 30, 'Nu copilul e de vina', 'Ioana Scorus')

INTO produs VALUES (5013, 750, 60, 'Dumnezeu, om, animal, masina', 'Meghan OGieblyn')

INTO produs VALUES (5014, 800, 100, 'Crime and Punishment', 'Fyodor Dostoyevsky')

INTO produs VALUES (5015, 750, 50, 'Insemnari din Subteran', 'Fyodor Dostoyevsky')

INTO produs VALUES (5016, 800, 100, 'Portrait of Dorian Gray', 'Oscar Wilde')

INTO produs VALUES (5017, 900, 40, 'Lumina din noi', 'Michael Obama')

INTO produs VALUES (5018, 900, 40, 'IT', 'Stephen King' )

INTO produs VALUES (5019, 850, 40, 'Winnetou 1','Karl May')

INTO produs VALUES (5020, 850, 40, 'Werke', 'Karl May')

INTO produs VALUES (5021, 600, 40, 'Comoara din Lacul de Argint', 'Karl May')

INTO produs VALUES (5022, 550, 10, 'Inchisoarea OGPU', 'Sven Hassel')

INTO produs VALUES (5023, 800, 30, 'Psihologia Iubirii', 'Sigmund Freud')

INTO produs VALUES (5024, 900, 20, 'Alegoria Pesterii', 'Platon')

INTO produs VALUES (5025, 650, 70, 'Auxiliar Clasa a V-a', 'Tiplea Sorin')

SELECT \* FROM dual;

---INSERARE PRODUS-Comanda

INSERT ALL

INTO produs\_comandat VALUES (1010, 5009, 3)

INTO produs\_comandat VALUES (1010, 5024, 1)

INTO produs\_comandat VALUES (1020, 5025, 1)

INTO produs\_comandat VALUES (1030, 5001, 1)

INTO produs\_comandat VALUES (1030, 5002, 1)

INTO produs\_comandat VALUES (1040, 5025, 1)

INTO produs\_comandat VALUES (1050, 5025, 1)

INTO produs\_comandat VALUES (1060, 5025, 1)

INTO produs\_comandat VALUES (1070, 5008, 2)

INTO produs\_comandat VALUES (1070, 5015, 1)

INTO produs\_comandat VALUES (1080, 5025, 1)

INTO produs\_comandat VALUES (1080, 5022, 1)

INTO produs\_comandat VALUES (1080, 5018, 1)

INTO produs\_comandat VALUES (1090, 5019, 1)

INTO produs\_comandat VALUES (1090, 5020, 1)

INTO produs\_comandat VALUES (1100, 5015, 1)

INTO produs\_comandat VALUES (1110, 5005, 1)

INTO produs\_comandat VALUES (1120, 5014, 1)

INTO produs\_comandat VALUES (1130, 5016, 1)

INTO produs\_comandat VALUES (1140, 5023, 1)

INTO produs\_comandat VALUES (1150, 5025, 1)

INTO produs\_comandat VALUES (1160, 5022, 1)

INTO produs\_comandat VALUES (1160, 5024, 1)

INTO produs\_comandat VALUES (1170, 5011, 1)

INTO produs\_comandat VALUES (1170, 5012, 4)

INTO produs\_comandat VALUES (1170, 5025, 2)

INTO produs\_comandat VALUES (1180, 5013, 1)

INTO produs\_comandat VALUES (1190, 5017, 2)

INTO produs\_comandat VALUES (1120, 5004, 1)

INTO produs\_comandat VALUES (1120, 5006, 1)

INTO produs\_comandat VALUES (1120, 5007, 1)

INTO produs\_comandat VALUES (1120, 5008, 1)

INTO produs\_comandat VALUES (1120, 5010, 1)

INTO produs\_comandat VALUES (1210, 5020, 1)

INTO produs\_comandat VALUES (1210, 5021, 1)

INTO produs\_comandat VALUES (1200, 5004, 1)

SELECT \* FROM dual;

COMMIT;