CREATE TABLE SKI\_RESORT\_DEPARTMENTS(

SKI\_RESORT\_DEPARTMENT\_ID IDENTITY(1,1) PRIMARY KEY NOT NULL ,

SKI\_RESORT\_DEPARTMENT\_NAME VARCHAR(20)

)

CREATE TABLE LIFT\_PASS\_TYPE(

LIFT\_PASS\_TYPE\_ID IDENTITY(1,1) PRIMARY KEY NOT NULL ,

LIFT\_PASS\_TYPE\_NAME VARCHAR(15) NOT NULL

)

CREATE TABLE LIFT\_PASS\_VALIDITY(

LIFT\_PASS\_VALIDITY\_ID IDENTITY(1,1) PRIMARY KEY NOT NULL ,

LIFT\_PASS\_VALIDITY\_NAME VARCHAR(20) NOT NULL

)

CREATE TABLE LIFT\_PASSES(

LIFT\_PASS\_RECEIPT\_ID IDENTITY(1,1) PRIMARY KEY NOT NULL ,

LIFT\_PASS\_OWNER\_ID INT NOT NULL,

LIFT\_PASS\_TYPE\_ID INT NOT NULL,

LIFT\_PASS\_VALIDITY\_ID INT NOT NULL,

FOREIGN KEY (LIFT\_PASS\_OWNER\_ID) REFERENCES CLIENTS(CLIENT\_ID) ON DELETE CASCADE,

FOREIGN KEY (LIFT\_PASS\_TYPE\_ID) REFERENCES LIFT\_PASS\_TYPE(LIFT\_PASS\_TYPE\_ID) ON DELETE CASCADE,

FOREIGN KEY (LIFT\_PASS\_VALIDITY\_ID) REFERENCES LIFT\_PASS\_VALIDITY(LIFT\_PASS\_VALIDITY\_ID) ON DELETE CASCADE

)

CREATE TABLE EMPLOYEES(

EMPLOYEE\_ID IDENTITY(1,1) PRIMARY KEY NOT NULL,

FNAME VARCHAR(20) NOT NULL,

SNAME VARCHAR(20) NOT NULL,

LNAME VARCHAR(20) NOT NULL,

EMPLOYEE\_DEPARTMENT\_ID INT NOT NULL,

FOREIGN KEY (EMPLOYEE\_DEPARTMENT\_ID) REFERENCES SKI\_RESORT\_DEPARTMENTS(SKI\_RESORT\_DEPARTMENT\_ID) ON DELETE CASCADE

)

CREATE TABLE CLIENTS(

CLIENT\_ID IDENTITY(1,1) PRIMARY KEY NOT NULL,

FNAME VARCHAR(20) NOT NULL,

SNAME VARCHAR(20) NOT NULL,

LNAME VARCHAR(20) NOT NULL,

AGE INT NOT NULL

)

CREATE TABLE SKI\_AND\_SNOWBOARD\_SCHOOL(

SKI\_AND\_SNOWBOARD\_SCHOOL\_RECEIPT\_ID IDENTITY(1,1) PRIMARY KEY NOT NULL ,

SKI\_AND\_SNOWBOARD\_SCHOOL\_LESSONS\_CLIENT\_ID VARCHAR(4) NOT NULL,

SKI\_AND\_SNOWBOARD\_SCHOOL\_LESSONS\_INSTRUCTOR\_ID VARCHAR(4) NOT NULL,

SKI\_AND\_SNOWBOARD\_SCHOOL\_LESSONS\_TYPE\_ID INT NOT NULL,

SKI\_AND\_SNOWBOARD\_SCHOOL\_VALIDITY INT NOT NULL,

FOREIGN KEY(SKI\_AND\_SNOWBOARD\_SCHOOL\_LESSONS\_CLIENT\_ID) REFERENCES CLIENTS(CLIENT\_ID) ON DELETE CASCADE,

FOREIGN KEY(SKI\_AND\_SNOWBOARD\_SCHOOL\_LESSONS\_INSTRUCTOR\_ID) REFERENCES EMPLOYEES(EMPLOYEE\_ID) ON DELETE CASCADE,

FOREIGN KEY (SKI\_AND\_SNOWBOARD\_SCHOOL\_LESSONS\_TYPE\_ID ) REFERENCES SKI\_AND\_SNOWBOARD\_LESSONS\_TYPE(SKI\_AND\_SNOWBOARD\_LESSONS\_TYPE\_ID) ON DELETE CASCADE

)

CREATE TABLE SKI\_AND\_SNOWBOARD\_LESSONS\_TYPE(

SKI\_AND\_SNOWBOARD\_LESSONS\_TYPE\_ID IDENTITY(1,1) NOT NULL,

SKI\_AND\_SNOWBOARD\_LESSONS\_TYPE\_NAME VARCHAR(20) NOT NULL

)

INSERT INTO SKI\_AND\_SNOWBOARD\_SCHOOL(SKI\_AND\_SNOWBOARD\_SCHOOL\_RECEIPT\_ID,SKI\_AND\_SNOWBOARD\_SCOOL\_LESSONS\_CLIENT\_ID,SKI\_AND\_SNOWBOARD\_SCOOL\_LESSONS\_INTRUCTOR\_ID, SKI\_AND\_SNOWBOARD\_SCOOL\_LESSONS\_TYPE )

VALUES('4001','2001','0001',1)

INSERT INTO LIFT\_PASSES(LIFT\_PASS\_RECEIPT\_ID,LIFT\_PASS\_TYPE\_ID,LIFT\_PASS\_VALIDITY\_ID,LIFT\_PASS\_OWNER\_ID)

VALUES (3001,'2','3',1001),

(3002,'3','8',1002)

INSERT INTO SKI\_RESORT\_DEPARTMENTS(SKI\_RESORT\_DEPARTMENT\_NAME)

VALUES('Ски учител'),('Сноуборд учител'),('Касиер'),('ПВЛ оператор'),('МУС оператор')

INSERT INTO LIFT\_PASS\_VALIDITY(LIFT\_PASS\_VALIDITY\_NAME)

VALUES('Половин Ден'),

('Цял Ден'),

('2-Дневна'),

('3-Дневна'),

('4-Дневна'),

('5-Дневна'),

('6-Дневна'),

('7-Дневна'),

('Сезонна')

INSERT INTO LIFT\_PASS\_TYPE(LIFT\_PASS\_TYPE\_NAME)

VALUES('ДЕТЕ (7-11'),

('МЛАДЕЖ (12-17)'),

('ВЪЗРАСТЕН (18+)')

INSERT INTO SKI\_AND\_SNOWBOARD\_LESSONS\_TYPE(SKI\_AND\_SNOWBOARD\_LESSONS\_TYPE\_NAME)

VALUES('СКИ'),('СНОУБОРД')

INSERT INTO EMPLOYEES(EMPLOYEE\_ID,EMPLOYEE\_DEPARTMENT\_ID,FNAME,SNAME,LNAME)

VALUES('0001',1,'Марко','Георгиев','Панайотов'),

('0002',1,'Георги','Калинов','Василев')

INSERT INTO LIFT\_PASSES(LIFT\_PASS\_RECEIPT\_ID,LIFT\_PASS\_TYPE\_ID,LIFT\_PASS\_VALIDITY\_ID,LIFT\_PASS\_OWNER\_ID)

VALUES('2001',1,1,2002),

('2002',2,1,2001)

UPDATE LIFT\_PASS\_TYPE SET LIFT\_PASS\_TYPE\_NAME="ДЕТЕ (7-11)" WHERE LIFT\_PASS\_TYPE\_ID=1

SELECT E.FNAME,E.SNAME,E.LNAME,SRD.SKI\_RESORT\_DEPARTMENT\_NAME

FROM EMPLOYEES AS E,SKI\_RESORT\_DEPARTMENTS AS SRD

WHERE SRD.SKI\_RESORT\_DEPARTMENT\_ID=E.EMPLOYEE\_DEPARTMENT\_ID

SELECT\* FROM EMPLOYEES

SELECT\* FROM SKI\_RESORT\_DEPARTMENTS

SELECT \*FROM CLIENTS

SELECT \*FROM LIFT\_PASSES

SELECT\*FROM SKI\_AND\_SNOWBOARD\_SCHOOL

SELECT LPT.LIFT\_PASS\_TYPE\_NAME, LPV.SKI\_AND\_SNOWBOARD\_SCHOOL LIFT\_PASS\_VALIDITY\_NAME,C.FNAME,C.SNAME,C.LNAME

FROM LIFT\_PASSES AS LPS

JOIN LIFT\_PASS\_TYPE AS LPT

ON LPT.LIFT\_PASS\_TYPE\_ID=LPS.LIFT\_PASS\_TYPE\_ID

JOIN LIFT\_PASS\_VALIDITY AS LPV

ON LPV.LIFT\_PASS\_VALIDITY\_ID=LPS.LIFT\_PASS\_VALIDITY\_ID

JOIN CLIENTS AS C

ON C.CLIENT\_ID=LPS.LIFT\_PASS\_OWNER\_ID

SELECT SASS.SKI\_AND\_SNOWBOARD\_SCHOOL\_RECEIPT\_ID, CONCAT(C.FNAME,' ',C.SNAME,' ',C.LNAME) AS КЛИЕНТ, CONCAT(EMP.FNAME,' ',EMP.SNAME,' ',EMP.LNAME) AS ИНСТРУКТОР,SASS.SKI\_AND\_SNOWBOARD\_SCHOOL\_LESSONS\_TYPE\_ID AS ТИП, SASS.SKI\_AND\_SNOWBOARD\_SCHOOL\_VALIDITY AS ВРЕМЕТРАЕНЕ

FROM CLIENTS AS C, EMPLOYEES AS EMP, SKI\_AND\_SNOWBOARD\_SCHOOL AS SASS, SKI\_AND\_SNOWBOARD\_LESSONS\_TYPE AS SASLT

WHERE SASS.SKI\_AND\_SNOWBOARD\_SCHOOL\_LESSONS\_CLIENT\_ID=C.CLIENT\_ID AND SASS.SKI\_AND\_SNOWBOARD\_SCHOOL\_LESSONS\_INSTRUCTOR\_ID=EMP.EMPLOYEE\_ID AND SASS.SKI\_AND\_SNOWBOARD\_SCHOOL\_LESSONS\_TYPE\_ID=SASLT.SKI\_AND\_SNOWBOARD\_LESSONS\_TYPE\_ID

DROP TABLE EMPLOYEES

DROP TABLE SKI\_AND\_SNOWBOARD\_SCHOOL

DROP TABLE CLIENTS

DROP TABLE SKI\_RESORT\_DEPARTMENTS

DROP TABLE LIFT\_PASSES

DROP TABLE LIFT\_PASS\_TYPE

DROP TABLE LIFT\_PASS\_VALIDITY