drop table booking;

drop table vehicle;

drop table booking\_status;

drop table customer;

drop table manufacturer;

drop table model;

drop table vehicle\_category;

CREATE TABLE CUSTOMER

(

CUSTOMER\_ID INTEGER

, CUST\_FORENAME VARCHAR2(50) NOT NULL

, CUST\_SURNAME VARCHAR2(50) NOT NULL

, GENDER CHAR(1)

, EMAIL\_ADDRESS VARCHAR2(30) NOT NULL

, PHONE\_NUMBER VARCHAR2(50)

, ADDRESS\_LINE1 VARCHAR2(100)

, ADDRESS\_LINE2 VARCHAR2(100)

, ADDRESS\_LINE3 VARCHAR2(100)

, TOWN VARCHAR2(50)

, POST\_CODE VARCHAR2(20)

, COUNTRY VARCHAR2(30)

, CONSTRAINT CUSTOMER\_PK PRIMARY KEY (CUSTOMER\_ID)

ENABLE

);

CREATE TABLE MANUFACTURER

(

MANUFACTURER\_CODE VARCHAR2(3)

, MANUFACTURER\_NAME VARCHAR2(50) NOT NULL

, MANUFACTURER\_DETALS VARCHAR2(2000)

, CONSTRAINT MANUFACTURER\_PK PRIMARY KEY (MANUFACTURER\_CODE)

ENABLE

);

CREATE TABLE MODEL

(

MODEL\_CODE VARCHAR2(5)

, DAILY\_HIRE\_RATE VARCHAR2(20) NOT NULL

, MODEL\_NAME VARCHAR2(100) NOT NULL

, CONSTRAINT MODEL\_PK PRIMARY KEY (MODEL\_CODE)

ENABLE

);

CREATE TABLE VEHICLE\_CATEGORY

(

CATEGORY\_CODE VARCHAR2(10)

, CATEGORY\_DESCRIPTION VARCHAR2(500)

, CONSTRAINT VEHICLE\_CATEGORY\_PK PRIMARY KEY (CATEGORY\_CODE)

ENABLE

);

CREATE TABLE BOOKING\_STATUS

(

BOOKING\_STATUS\_CODE VARCHAR2(10)

, BOOKING\_STATUS\_DESCRIPTION VARCHAR2(100) NOT NULL

, CONSTRAINT BOOKING\_STATUS\_PK PRIMARY KEY

(BOOKING\_STATUS\_CODE)

ENABLE

);

CREATE TABLE VEHICLE

(

REG\_NUMBER VARCHAR2(10)

, MANUFACTURER\_CODE VARCHAR2(3) NOT NULL

, MODEL\_CODE VARCHAR2(5) NOT NULL

, VEHICLE\_CATEGORY\_CODE VARCHAR2(10) NOT NULL

, CURRENT\_MILEAGE NUMBER

, DAILY\_HIRE\_RATE NUMBER(8,2)

, DATE\_MOT\_DUE DATE

, CONSTRAINT VEHICLE\_PK PRIMARY KEY (REG\_NUMBER)

ENABLE

);

ALTER TABLE VEHICLE

ADD CONSTRAINT MANUF\_CODE\_FK FOREIGN KEY

(MANUFACTURER\_CODE )

REFERENCES MANUFACTURER (MANUFACTURER\_CODE)

ENABLE;

ALTER TABLE VEHICLE

ADD CONSTRAINT MODEL\_CODE\_FK FOREIGN KEY (MODEL\_CODE)

REFERENCES MODEL (MODEL\_CODE)

ENABLE;

ALTER TABLE VEHICLE

ADD CONSTRAINT VEH\_CAT\_FK FOREIGN KEY

(VEHICLE\_CATEGORY\_CODE)

REFERENCES VEHICLE\_CATEGORY (CATEGORY\_CODE)

ENABLE;

CREATE TABLE BOOKING

(

BOOKING\_ID NUMBER NOT NULL

, BOOKING\_STATUS\_CODE VARCHAR(10) NOT NULL

, CUSTOMER\_ID NUMBER NOT NULL

, REG\_NUMBER VARCHAR2(10) NOT NULL

, DATE\_FROM DATE NOT NULL

, DATE\_TO DATE

, CONFIRM\_LETTER\_SENT\_FLAG CHAR(1)

, PAYMENT\_RECEIVED\_FLAG CHAR(1)

, CONSTRAINT BOOKING\_PK PRIMARY KEY

(

BOOKING\_ID

)

ENABLE

);

ALTER TABLE BOOKING

ADD CONSTRAINT BOOK\_STAT\_CODE\_FK FOREIGN KEY

(

BOOKING\_STATUS\_CODE

)

REFERENCES BOOKING\_STATUS

(

BOOKING\_STATUS\_CODE

)

ENABLE;

ALTER TABLE BOOKING

ADD CONSTRAINT CUST\_ID\_FK FOREIGN KEY

(

CUSTOMER\_ID

)

REFERENCES CUSTOMER

(

CUSTOMER\_ID

)

ENABLE;

ALTER TABLE BOOKING

ADD CONSTRAINT REG\_NUM\_FK FOREIGN KEY

(

REG\_NUMBER

)

REFERENCES VEHICLE

(

REG\_NUMBER

)

ENABLE;

PROMPT Creating Sequences...

DROP SEQUENCE cust\_id\_seq;

DROP SEQUENCE book\_id\_seq;

CREATE SEQUENCE cust\_id\_seq

START WITH 100

NOCACHE

/

CREATE SEQUENCE book\_id\_seq

START WITH 1

NOCACHE

/