--Top Car Build Database

--Khaled Asad

--11/1/2016

------------------------------DROPING TABLES------------------------------------

DROP TABLE Customer\_id CASCADE CONSTRAINTS;

DROP TABLE Online\_Order\_id CASCADE CONSTRAINTS;

DROP TABLE Custom\_Build\_id CASCADE CONSTRAINTS;

DROP TABLE Interior\_id CASCADE CONSTRAINTS;

DROP TABLE Engine\_id CASCADE CONSTRAINTS;

DROP TABLE Tires\_id CASCADE CONSTRAINTS;

DROP TABLE Body\_id CASCADE CONSTRAINTS;

DROP TABLE Wheels\_id CASCADE CONSTRAINTS;

CREATE TABLE Customer\_id(

customer\_id number,

first\_name varchar(25),

last\_name varchar(25),

phone varchar2(35),

street varchar(50),

city varchar(50),

state varchar(50),

zip number,

CONSTRAINT Customer\_id\_customer\_id\_pk

PRIMARY KEY (customer\_id)

);

CREATE TABLE Interior\_id(

interior\_id number,

interior\_type varchar(25),

color varchar(25),

navigation varchar(3),

heated\_seats varchar(50),

power\_seats varchar(50),

seating\_capacity varchar(50),

premium\_sound\_system varchar(50),

CONSTRAINT Interior\_id\_interior\_id\_pk

PRIMARY KEY (interior\_id)

);

CREATE TABLE Engine\_id(

engine\_id number,

base\_engine varchar(25),

cylinders number,

drive\_type varchar(25),

fuel\_capacity varchar(50),

fuel\_type varchar(50),

horsepower number,

transmission varchar(50),

CONSTRAINT Engine\_id\_engine\_id\_pk

PRIMARY KEY (engine\_id)

);

CREATE TABLE Tires\_id(

tires\_id number,

tire\_size number,

brand varchar(25),

seasonal varchar(25),

racing varchar(50),

CONSTRAINT Tires\_id\_tires\_id\_pk

PRIMARY KEY (tires\_id)

);

CREATE TABLE Body\_id(

body\_id number,

spoiler varchar(25),

raised varchar(25),

color varchar(15),

hood varchar(50),

door varchar(50),

roof varchar(50),

lighting varchar(50),

CONSTRAINT Body\_id\_body\_id\_pk

PRIMARY KEY (body\_id)

);

CREATE TABLE Wheels\_id(

wheels\_id number,

wheel\_size number,

color varchar(25),

brand varchar(25),

metal varchar(50),

CONSTRAINT Wheels\_id\_wheels\_id\_pk

PRIMARY KEY (wheels\_id)

);

CREATE TABLE Custom\_Build\_id(

custom\_build\_id number,

price number,

interior\_id number,

body\_id number,

wheels\_id number,

engine\_id number,

tires\_id number,

CONSTRAINT Custom\_Build\_id\_C\_B\_pk

PRIMARY KEY (custom\_build\_id),

CONSTRAINT Custom\_Build\_id\_interior\_id\_fk FOREIGN KEY (interior\_id) REFERENCES Interior\_id,

CONSTRAINT Custom\_Build\_id\_body\_id\_fk FOREIGN KEY (body\_id) REFERENCES Body\_id,

CONSTRAINT Custom\_Build\_id\_wheels\_id\_fk FOREIGN KEY (wheels\_id) REFERENCES Wheels\_id,

CONSTRAINT Custom\_Build\_id\_engine\_id\_fk FOREIGN KEY (engine\_id) REFERENCES Engine\_id,

CONSTRAINT Custom\_Build\_id\_tires\_id\_fk FOREIGN KEY (tires\_id) REFERENCES Tires\_id

);

CREATE TABLE Online\_Order\_id(

customer\_id number,

custom\_build\_id number,

CONSTRAINT Online\_Order\_id\_fk FOREIGN KEY (customer\_id) REFERENCES Customer\_id,

CONSTRAINT Online\_Custom\_build\_id\_fk FOREIGN KEY (custom\_build\_id) REFERENCES Custom\_Build\_id

);

------------------------------INPUT INFORMATION---------------------------------

--INSERT VALUES Customer\_id

INSERT INTO Customer\_id VALUES

(1,'Khaled','Asad','404-988-2444','3759 Rosecliff','Buford','Georgia',30519);

INSERT INTO Customer\_id VALUES

(2,'Anissa','Logan','404-918-0831','1225 Sable Xing','Suwanee','Colorado',30024);

INSERT INTO Customer\_id VALUES

(3,'Marija','Ciganovic','404-410-4444','44 Ciganovic','Donji Srb','Texas',30017);

INSERT INTO Customer\_id VALUES

(4,'Robert','Bryan','477-888-2525','10 Perfectoo','Decula','Georgia',30019);

INSERT INTO Customer\_id VALUES

(5,'Boby','Whilis','770-224-5689','5431 Sparkling Rd','New York','New York',32478);

--INSERT VALUES Interior

INSERT INTO Interior\_id VALUES

(1,'Leather','Brown','No','Front Headted','Yes',5,'Sony Premium Sound');

INSERT INTO Interior\_id VALUES

(23,'Micro Fiber','Black','Yes','Front and Rear Headted','Yes',5,'Bose Premium Sound');

INSERT INTO Interior\_id VALUES

(67,'Leather','White','Yes','Rear Headted','Yes',4,'Beats Premium Sound');

INSERT INTO Interior\_id VALUES

(99,'Polyester','Gray','No','None','No',5,'None');

INSERT INTO Interior\_id VALUES

(72,'Leather','Brown','Yes','None','No',4,'JBL Premium Sound');

--INSERT VALUES Engine

INSERT INTO Engine\_id VALUES

(1,'Yes',6,'Normal','17 Gal','Gasoline',288,'Automatic');

INSERT INTO Engine\_id VALUES

(55,'No',4,'Normal','17 Gal','Gasoline',122,'Manual');

INSERT INTO Engine\_id VALUES

(89,'Yes',6,'Sport','22 Gal','Gasoline',322,'Automatic');

INSERT INTO Engine\_id VALUES

(74,'Yes',12,'Sport','25 Gal','Gasoline',488,'Automatic');

INSERT INTO Engine\_id VALUES

(10,'Yes',8,'Normal','25 Gal','Diesel',455,'Automatic');

--INSERT VALUES Tires

INSERT INTO Tires\_id VALUES

(1,22,'Heat','Summer','No');

INSERT INTO Tires\_id VALUES

(4458,19,'Stone','Winter','No');

INSERT INTO Tires\_id VALUES

(435,18,'Yamaha','Summer','Yes');

INSERT INTO Tires\_id VALUES

(425,21,'Genral','Summer','No');

INSERT INTO Tires\_id VALUES

(415,21,'Stone','Summer','Yes');

--INSERT VALUES Body

INSERT INTO Body\_id VALUES

(1,'Yes','No','Black','Regualr','Regular','Regular','None');

INSERT INTO Body\_id VALUES

(23,'No','No','Red','Carbon Fiber','Fox','Carbon Fiber','Red');

INSERT INTO Body\_id VALUES

(24,'No','Yes','Yellow','Defender','Regular','Regular','None');

INSERT INTO Body\_id VALUES

(25,'No','No','Blue','Regualr','Regular','Regular','None');

INSERT INTO Body\_id VALUES

(26,'No','No','Gray','Regualr','Regular','Regular','None');

--INSERT VALUES Wheels

INSERT INTO Wheels\_id VALUES

(1,19,'Gray','TopStar','Alloy');

INSERT INTO Wheels\_id VALUES

(11,18,'Black','Hard','Steal');

INSERT INTO Wheels\_id VALUES

(111,21,'Gray','Bold Eagle','Alloy');

INSERT INTO Wheels\_id VALUES

(1111,19,'Gray','TopStar','Steal');

INSERT INTO Wheels\_id VALUES

(11111,19,'Red','Heat','Steal');

--INSERT VALUES Custom\_build

INSERT INTO Custom\_Build\_id VALUES

(11,20000,1,1,1,1,1);

INSERT INTO Custom\_Build\_id VALUES

(22,45000,23,23,1111,55,4458);

INSERT INTO Custom\_Build\_id VALUES

(33,28000,99,26,111,10,435);

INSERT INTO Custom\_Build\_id VALUES

(44,37600,72,25,11,89,425);

INSERT INTO Custom\_Build\_id VALUES

(55,568720,67,24,11111,74,415);

--INSERT VALUES Online\_order-id

INSERT INTO Online\_Order\_id VALUES

(1,22);

INSERT INTO Online\_Order\_id VALUES

(2,44);

INSERT INTO Online\_Order\_id VALUES

(3,11);

INSERT INTO Online\_Order\_id VALUES

(4,55);

INSERT INTO Online\_Order\_id VALUES

(5,33);

COMMIT;