

```
create table Warranty(  
WarrantyID int NOT NULL PRIMARY KEY,  
CustomerLastName varchar(30),  
CustomerCoSigner varchar(30),  
WarranteeSalesDate varchar(10),  
WarrantyTotalCost decimal(10,2),  
WarrantyMonthlyCost decimal(10,2),  
AssociatePhoneNumber varchar(30),  
WarrantySalesPerson varchar(30),  
WarrantyStartDate varchar(10),  
WarrantyLength int,  
WarrantyCost decimal(10,2),  
WarrantyDeductible decimal(10,2),  
);
```

```
Create table Sales (  
SalesID int NOT NULL PRIMARY KEY,  
TotalDue decimal(10,2),  
DownPayment decimal(10,2),  
FinancedAmount decimal(10,2),  
EmployeeLastName varchar(30),  
EmployeeFirstName varchar(30),  
EmployeeCommission decimal(10,2),  
Dateofsale varchar(10),  
);
```

```
Create table PaymentHistory(  
TaxpayerID int NOT NULL PRIMARY KEY,  
NumberofLatePayments int,  
AverageNumberofDayslate int,  
PaymentDateDue varchar(10),  
DatePaid varchar(10),  
TotalAmount decimal(10,2),  
BankAccountNumber int,  
);
```

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```
create table Customer(  
CustID int NOT NULL PRIMARY KEY,  
CustomerFirstName varchar(30),  
CustomerLastName varchar(30),
```

```
CustomerAddress varchar(30),
CustomerState varchar(12),
CustomerCity varchar(30),
CustomerZip int,
CustomerPhone varchar(30),
CustomerEmployer varchar(30),
EmployerTitle varchar(30),
EmployerSupervisor varchar(30),
EmployerPhone varchar(30),
SalesID int FOREIGN KEY references Sales(SalesID),
TaxPayerID int FOREIGN KEY references PaymentHistory(TaxPayerID)
);
```

```
create table Car(
VIN varchar(50) NOT NULL PRIMARY KEY,
CarSeller varchar(50),
CarTaxID int,
CarModel varchar(50),
CarMake varchar(50),
CarYear int,
CarMiles int(10000),
CarCondition varchar(50),
CarPricePaid decimal(10,2),
CustID int FOREIGN KEY references Customer(CustID) ,
WarrantyID int FOREIGN KEY references Warranty(WarrantyID)
);
```

```
create table CarRepair(
RepairID int NOT NULL PRIMARY KEY,
Problem varchar(50),
RepairCost decimal(10,2),
ActualCost decimal (10,2),
VIN varchar(50) FOREIGN KEY references Car(VIN)
);
```

```
/*INDEXING*/
```

```
/*-----*/
```

```
CREATE INDEX CustomerID
ON Customer (CustID);
```

```
CREATE INDEX CarIndex
ON Car(VIN);
```

```
CREATE INDEX WarrantyIndex
ON Warranty(WarrantyID);
```

```
=====
Insert into Car(VIN, CarSeller, CarTaxID, CarModel, CarMake, CarYear, CarMiles, CarCondition,
CarPricePaid)
VALUES('45asdf68eh1e21e3','bob', 12345678, 'Civic','Honda', 2016, 10000, 'Operational',
10000.99)
```

```
=====
Select *
FROM Car;
/*Displays inside table*/
```

```
=====
UPDATE Car
SET CarSeller = 'jiff'
Where VIN = '45asdf68eh1e21e3';
```

```
DELETE FROM Car WHERE VIN='45asdf68eh1e21e3'
```

VIN	CarSeller	CarTaxID	CarModel	CarMake	CarYear	CarMiles
CarCondition	CarPricePaid	CustID	WarrantyID			
1FTFW1ET5EKF02435	Bob	35228012	Highlander	Toyota	2019	15482
1G1ZT58N68F101489	Mike	99720045	CR-V	Honda	2014	20852
1N6MD27Y53C464298	Mike	61762382	i8	BMW	2021	10000
2FMDK3KC2CBA70568	Mike	35599723	Pilot	Honda	2015	17980
2HNYD2H64BH531075						

Andrew	29026225	Corolla Toyota 2016	18000	Repair Needed					
17900.00	NULL	NULL							
3C4PDCBB9DT540877									
Bob	12345678	Civic	Honda 2016	16550	Operational	10000.99		NULL	
NULL									
3GTU2VEC9EG242414		Jeff	53885088	Accord Honda 2019	15000	Operational			
25725.99	NULL	NULL							
5FNYF28567B023369									
Bob	95871991	Civic	Honda 2019	16780	Operational	19450.00		NULL	
NULL									
5GRGN22U06H189320									
Mike	98668647	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
WBAHL83567DT45551									
Andrew	92142195	Camry Toyota 2021	9000	Operational	25045.00				
NULL	NULL								