Reference Code for Demonstration

[Queries](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.mtncj6mb4shc)

[6: RepairHistory](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.wiw65asr0dkb)

[9: OrderInformation](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.grgqiu92kb3i)

[Extra: YearlySpend](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.rrmzzf919sxf)

[Extra: Phonebook](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.b583r8s34olw)

[Extra: RentalstoSell](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.sdwjx86ihibx)

[7. WIPProperties\_ToFinishRepairs](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.kh8j4yjrrens)

[5. Current Leases](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.q0wgay47paas)

[10. PotentialProperties](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.ex4aienth1hm)

[Creates](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.urmuc3utu074)

[Property](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.g337cvfr5yms)

[BusinessContact](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.slb6cdubspue)

[WIP\_Property](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.ciuwb5lbn2kw)

[Sold\_Property](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.6swscdbuxvdq)

[Vac\_Property](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.87z55cdf3kbg)

[Owner](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.smu9zul5nfxn)

[PotentialProperty](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.czks5gr18k4e)

[PropViolation](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.nj9jsh52ed4o)

[Contract](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.q1enyzrdjh6u)

[RentalProperty](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.yc9p1i5xqy89)

[Tenant](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.dzpoomrqdmek)

[LateFeeHistory](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.4h4ip0x4mpc9)

[Lender](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.7vzp89ra1bdb)

[RepairEscrowAccount](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.kh2hx0awk74v)

[Supplier](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.8bhm9i580qdy)

[Subcontractor](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.cobwnvcxnyfj)

[Item](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.pidi669f29ff)

[Tool](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.wn21lc4xxuz2)

[Skill](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.tm858yf53sai)

[Draw](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.k3a947rg5j4g)

[Orderline](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.tpbbwstzq9h3)

[Lease](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.kkiwph5qmeza)

[Loan](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.zid59w6xwj7x)

[Repair](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.r4drwh2fo2bn)

[Permit](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.hqvc4iaoikdb)

[Inserts](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.ogoljtvg2xq0)

[Property](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.u5mfpguy8nsl)

[BusinessContact](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.mf6hb96gcbe5)

[WIP\_Property](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.8ah457efabhz)

[Sold\_Property](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.2y36klytpgbz)

[Vac\_Property](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.ps6zfcmd6owb)

[BusinessContact](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.ru4evzqqvcxt)

[Contract](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.m5a3h4auu4kr)

[RentalProperty](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.qnx4m63xyq7j)

[Tenant](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.yuw9e1jv66xk)

[LateFeeHistory](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.dts32w8jrbd3)

[Lender](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.zkc39f1wme)

[RepairEscrowAccount](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.73ru7s5d8dtd)

[Owner](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.621gpxih5jd8)

[Supplier](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.oi08sxh9614p)

[Subcontractor](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.ta966od7csnt)

[Item](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.jc985ku0f25b)

[Tool](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.4q2kjebu7644)

[Skill](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.8fxq7hv8e67)

[PotentialProperty](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.rd2pfl510ctd)

[Draw](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.owawg7ddtox)

[Orderline](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.nuosgl8wyrn6)

[Lease](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.ddtczoww5nvk)

[Loan](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.6h8a3wexju42)

[Repair](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.8ind74glg6s)

[More WIP\_Property](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.w025ikrcew5c)

[More RentalProperty](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.xgpufxmi8z7l)

[More Vac\_Property](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.simj2plms37y)

[More Sold\_Property](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.3j1dgexjkkqs)

[More LateFeeHistory](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.kink1axyfb61)

[More into Tenant](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.9e7h6lmvox2x)

[More into Lease](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.r8hv7dgsj9h3)

[Permit](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.cb23xmokvj5n)

[PropViolation](https://docs.google.com/document/d/1m4OoDM4pnxNev0HTFu90z3AMq5PVGsh6XHHA-W0SD40/edit#heading=h.u16d32h83zy5)

Queries

 6: RepairHistory

CREATE VIEW REPAIR\_HISTORY AS

SELECT REPAIRID, DESCRIPTION, DATE, ACTUALLABORCOST AS TOTAL\_LABOR\_COST,

TOTALMATERIALCOST AS TOTAL\_MATERIAL\_COST,

TOTALMATERIALCOST + ACTUALLABORCOST AS TOTAL\_COST,

ALLOTTEDMONEY,

ALLOTTEDMONEY-(TOTALMATERIALCOST + ACTUALLABORCOST) AS AMOUNT\_OVER\_BUDGET,

REPAIR.FOLIONUM, CURRENTTYPE,

DATEPURCHASED AS PURCHASE\_DATE, PURCHASEPRICE AS PURCHASE\_PRICE,

COMPLETEDIMPROV AS COMPLETED\_IMPROVEMENTS

FROM REPAIR LEFT OUTER JOIN PROPERTY

ON REPAIR.FOLIONUM=PROPERTY.FOLIONO

LEFT OUTER JOIN WIP\_PROPERTY

ON REPAIR.FOLIONUM=WIP\_PROPERTY.FOLIONUMWIP

LEFT OUTER JOIN RENTALPROPERTY

 ON REPAIR.FOLIONUM=RENTALPROPERTY.FOLIONUMRENT

 9: OrderInformation

CREATE VIEW OrderInformation AS

SELECT o.OrderlineID,

o.OrderID,

i.Description,

o.QtyPurch,

i.UnitCost,

o.PurchDate,

(o.QtyPurch \* i.UnitCost) AS TotalOrderlineCost,

TotalOrderCost,

s.Name AS SupplierName,

s.Type AS SupplierSpecialty

FROM

Orderline AS o INNER JOIN

Supplier AS s ON o.SupplierID = s.SupplierID

INNER JOIN Item AS i ON i.ItemID = o.ItemID

INNER JOIN TotalOrderCost ON o.OrderID = TotalOrderCost.OrderID

GROUP BY

o.OrderlineID, o.OrderID, i.Description, o.QtyPurch,

i.UnitCost, o.PurchDate, s.Name, s.Type, TotalOrderCost;

CREATE VIEW TotalOrderCost AS

SELECT OrderID, SUM(orderline.QtyPurch \* item.UnitCost) AS TotalOrderCost

FROM Orderline INNER JOIN

Item ON Orderline.ItemID = item.itemid

GROUP BY OrderID;

Extra: YearlySpend

CREATE VIEW YearlySpend AS

SELECT SUM(a.LineCost) AS TotalSpend

FROM

(SELECT (i.unitcost\*ol.QtyPurch) AS LineCost

FROM Orderline AS ol

INNER JOIN Item AS i

ON i.itemid = ol.itemid

WHERE YEAR(ol.PurchDate) = YEAR(GETDATE())) AS a;

Extra: Phonebook

CREATE VIEW Phonebook AS

SELECT Name,

(Street+ ' '+ City+ ', '+ State+ ' '+ ZipCode) AS Address,

Phone,

'Supplier' AS Relationship

FROM Supplier

UNION

SELECT (FName+ ' '+ Lname) AS Name,

(Street+ ' '+ City+ ', '+ State+ ' '+ ZipCode) AS Address,

Phone,

'Owner' AS Relationship

FROM Owner

UNION

SELECT (FName+ ' '+ Lname) AS Name,

(Street+ ' '+ City+ ', '+ State+ ' '+ ZipCode) AS Address,

Phone,

'Subcontractor' AS Relationship

FROM Subcontractor

UNION

SELECT (FName+ ' '+ Lname) AS Name,

(Street+ ' '+ 'Honolulu' + ', '+ State+ ' '+ ZipCode) AS Address,

Phone,

'Business Contact' AS Relationship

FROM BusinessContact

UNION

SELECT

(t.FName+ ' '+ t.LName) AS Name,

(p.Street+ ' '+ 'Honolulu'+ ', '+ p.State+ ' '+ p.ZipCode) AS Address,

Phone,

'Current Tenant' AS Relationship

FROM Tenant AS t

LEFT OUTER JOIN Lease AS l

ON t.TenantID = l.TenantID

INNER JOIN RentalProperty AS rp

ON l.FolioNumRent = rp.FolioNumRent

INNER JOIN Property AS p

ON p.foliono = rp.FolioNumRent

WHERE DATEDIFF(day, GETDATE(), l.LeaseEnd) > 0

UNION

SELECT

(t.FName+ ' '+ t.LName) AS Name,

' ' AS Address,

Phone,

'Former Tenant' AS Relationship

FROM Tenant AS t

LEFT OUTER JOIN Lease AS l

ON t.TenantID = l.TenantID

INNER JOIN RentalProperty AS rp

ON l.FolioNumRent = rp.FolioNumRent

INNER JOIN Property AS p

ON p.foliono = rp.FolioNumRent

WHERE DATEDIFF(day, GETDATE(), l.LeaseEnd) <= 0

UNION

SELECT (FName+ ' '+ Lname) AS Name,

(Street+ ' '+ City+ ', '+ State+ ' '+ ZipCode) AS Address,

Phone,

'Lender' AS Relationship

FROM Lender;

Extra: RentalstoSell

CREATE VIEW RentalsToSell AS

SELECT rp.FolioNumRent, a.MonthsofLease\*rp.MonthlyRent AS TotalAmtRent,

        SUM(r.ActualRepairCost) AS TotalAmtofRepairs,

        DATEDIFF(day, wip.DatePurchased, GETDATE()) AS PossessionTime,

        wip.PurchasePrice

FROM RentalProperty AS rp INNER JOIN

(SELECT FolioNumRent, DATEDIFF(month,LeaseStart, LeaseEnd) AS MonthsOfLease

FROM Lease

GROUP BY FolioNumRent, LeaseStart,LeaseEnd) AS a

ON rp.FolioNumRent = a.FolioNumRent

INNER JOIN WIP\_Property as wip

ON wip.FolioNumWIP = rp.FolioNumRent

INNER JOIN Repair AS r

ON r.FolioNum = rp.FolioNumRent

WHERE rp.FolioNumRent IN (SELECT FolioNo FROM Property WHERE PropType\_Rent = 1)

GROUP BY rp.FolioNumRent, wip.DatePurchased, a.MonthsOfLease, rp.MonthlyRent, wip.PurchasePrice

HAVING  (a.MonthsofLease\*rp.MonthlyRent) > SUM(r.ActualRepairCost)

7. WIPProperties\_ToFinishRepairs

CREATE VIEW WIPProperties\_ToFinishRepairs AS

SELECT FolioNumWIP, DatePurchased, DATEDIFF(day, DatePurchased, GETDATE()) AS DaysSincePurchase, PurchasePrice, RehabAmt

FROM WIP\_Property

WHERE CompletedImprov = 0

AND FolioNumWIP IN (SELECT FolioNo FROM Property WHERE PropType\_WIP = 1)

GROUP BY FolioNumWIP, DatePurchased, PurchasePrice, RehabAmt

HAVING DATEDIFF(day, DatePurchased, GETDATE()) > 21;

5. Current Leases

CREATE VIEW CurrentLeases AS

SELECT rp.FolioNumRent, l.LeaseID, t.TenantID,

(t.FName + ' ' + t.LName) AS FullName,

DATEDIFF(day, GETDATE(), l.LeaseEnd) AS DaysUntilLeaseEnds

FROM Lease AS l INNER JOIN

RentalProperty AS rp ON rp.FolioNumRent = l.FolioNumRent INNER JOIN

Tenant AS t ON t.TenantID = l.TenantID

AND l.FolioNumRent = rp.FolioNumRent

GROUP BY rp.FolioNumRent, l.LeaseID, t.TenantID, t.FName, t.LName, l.LeaseEnd

HAVING DATEDIFF(day, GETDATE(), l.LeaseEnd) > 0;

10. PotentialProperties

CREATE VIEW PotentialProperties AS

SELECT

p.Folionumpot,

 p.Bathnum,

p.Bednum,

p.Sq\_footage,

p.Lotsize,

p.How\_identified,

p.Exitstrategy,

p.AskingPrice,

p.Condition,

(o.Fname + ' ' + o.Lname) AS OwnerName,

(bc.Fname + ' ' +bc.Lname) AS BusinessContactName,

bc.OfficePhone AS BusinessContactOfficePhone

FROM

PotentialProperty AS p INNER JOIN

Owner AS o ON o.ownerID = p.ownerID

INNER JOIN Property AS Prop

ON p.Folionumpot = Prop.FolioNo

LEFT OUTER JOIN Contract AS c

ON Prop.FolioNo = c.FolioNum

LEFT OUTER JOIN BusinessContact AS bc

ON bc.contractorID = c.contractorID

WHERE p.Folionumpot IN (SELECT FolioNo FROM Property WHERE PropType\_Pot = 1) ;

Creates

Property

CREATE TABLE Property (

FolioNo VARCHAR(16) NOT NULL UNIQUE,

Street VARCHAR(25),

ZipCode VARCHAR(5),

State VARCHAR(2),

CurrentType VARCHAR(4),

PropType\_Sold TINYINT NOT NULL,

PropType\_Vac TINYINT NOT NULL,

PropType\_WIP TINYINT NOT NULL,

PropType\_Rent TINYINT NOT NULL,

PropType\_Pot TINYINT NOT NULL,

CONSTRAINT Property\_PK PRIMARY KEY (FolioNo));

BusinessContact

CREATE TABLE BusinessContact(

ContractorID INT NOT NULL UNIQUE IDENTITY(1,1),

FName VARCHAR(15),

LName VARCHAR(15),

Phone VARCHAR(10),

Street VARCHAR(25),

ZipCode VARCHAR(5),

State VARCHAR(2),

OfficePhone VARCHAR(10),

GeoArea VARCHAR(2),

CommisionStructure DECIMAL(2,2),

CONSTRAINT BusinessContact\_PK PRIMARY KEY (ContractorID));

WIP\_Property

CREATE TABLE WIP\_Property(

FolioNumWIP VARCHAR(16) NOT NULL UNIQUE,

DatePurchased DATE,

PurchasePrice MONEY,

RehabAmt MONEY,

CompletedImprov TINYINT,

CONSTRAINT WIP\_PK PRIMARY KEY (FolioNumWIP));

Sold\_Property

CREATE TABLE Sold\_Property(

FolioNumSold VARCHAR(16) NOT NULL UNIQUE,

PurchaseDate DATE,

PurchasePrice MONEY,

TotalImprovCost MONEY,

SellingPrice MONEY,

NetProfit MONEY,

PriorRental TINYINT,

SellingAgent VARCHAR(25),

ClosingCost MONEY,

CONSTRAINT Sold\_PK PRIMARY KEY (FolioNumSold));

Vac\_Property

CREATE TABLE Vac\_Property(

FolioNumVac VARCHAR(16) NOT NULL UNIQUE,

DateBought DATE,

TaxesPerYear MONEY,

LandSize INT,

PurchasePrice MONEY,

SellingPrice MONEY,

CONSTRAINT Vac\_PK PRIMARY KEY (FolioNumVac));

Owner

CREATE TABLE Owner(

OwnerID INT NOT NULL UNIQUE IDENTITY(1,1),

FName VARCHAR(15),

LName VARCHAR(15),

Phone VARCHAR(10),

Street VARCHAR(50),

CITY VARCHAR(50),

ZipCode VARCHAR(5),

State VARCHAR(2),

CONSTRAINT Owner\_PK PRIMARY KEY (OwnerID));

PotentialProperty

CREATE TABLE PotentialProperty(

FolioNumPot VARCHAR(16) NOT NULL UNIQUE,

BathNum INT,

BedNum INT,

Sq\_Footage INT,

Frame\_Type\_Wood TINYINT,

Frame\_Type\_Concrete TINYINT,

LotSize INT,

How\_Identified VARCHAR(150),

ExitStrategy VARCHAR(150),

AskingPrice MONEY,

OfferPrice MONEY,

AcceptedOffer TINYINT,

ValueAfterRepairs MONEY,

TypeDuplex TINYINT,

TypeHouse TINYINT,

Condition VARCHAR(20),

OwnerID INT NOT NULL,

CONSTRAINT PotentialProperty\_PK PRIMARY KEY (FolioNumPot),

CONSTRAINT PotentialProperty\_FK FOREIGN KEY (OwnerID)

REFERENCES Owner(OwnerID) ON UPDATE CASCADE ON DELETE NO ACTION);

PropViolation

CREATE TABLE PropViolation(

PropViolationID INT NOT NULL UNIQUE IDENTITY(1,1),

Descr VARCHAR(100),

FolioNumPotential VARCHAR(16) NOT NULL

CONSTRAINT PropViolation\_PK PRIMARY KEY (PropViolationID),

CONSTRAINT PropViolation\_FK FOREIGN KEY (FolioNumPotential)

REFERENCES PotentialProperty(FolioNumPot) ON UPDATE CASCADE ON DELETE NO ACTION);

Contract

CREATE TABLE Contract(

ContractID INT NOT NULL UNIQUE IDENTITY(1,1),

FolioNum VARCHAR(16) NOT NULL,

ContractorID INT NOT NULL,

CONSTRAINT Contract\_PK PRIMARY KEY (ContractID));

RentalProperty

CREATE TABLE RentalProperty(

FolioNumRent VARCHAR(16) NOT NULL UNIQUE,

DepositAmt MONEY,

MonthlyRent MONEY,

GovSubsidized TINYINT,

AmtSubsidized MONEY,

CONSTRAINT RentalProperty\_PK PRIMARY KEY (FolioNumRent));

Tenant

CREATE TABLE Tenant(

TenantID INT NOT NULL UNIQUE IDENTITY(1,1),

FName VARCHAR(15),

LName VARCHAR(15),

Phone VARCHAR(10),

CONSTRAINT Tenant\_PK PRIMARY KEY (TenantID));

LateFeeHistory

CREATE TABLE LateFeeHistory(

LateFeeID  INT NOT NULL UNIQUE IDENTITY(1,1),

LateFeeAmt MONEY,

LateFeeIncurr MONEY,

LateFeeDate DATE,

CONSTRAINT LateFee\_PK PRIMARY KEY (LateFeeID));

Lender

CREATE TABLE Lender(

LenderID INT NOT NULL UNIQUE IDENTITY(1,1),

FName VARCHAR(15),

LName VARCHAR(15),

Phone VARCHAR(10),

Street VARCHAR(50),

City VARCHAR(40),

ZipCode VARCHAR(5),

State VARCHAR(2),

ProgramType VARCHAR(30),

ContactName VARCHAR(30),

CONSTRAINT Lender\_PK PRIMARY KEY (LenderID));

RepairEscrowAccount

CREATE TABLE RepairEscrowAccount(

AcctNum INT NOT NULL UNIQUE IDENTITY(1,1),

InitialAccountBalance MONEY,

CONSTRAINT RepairEscrowAccount\_PK PRIMARY KEY (AcctNum));

Supplier

CREATE TABLE Supplier(

SupplierID INT UNIQUE NOT NULL IDENTITY(1,1),

Name VARCHAR(50),

Street VARCHAR(50),

City VARCHAR(40),

State VARCHAR(2),

ZipCode VARCHAR(5),

Phone VARCHAR(10),

Discount INT,

Type VARCHAR(15),

ContactName VARCHAR(40),

CONSTRAINT Supplier\_PK PRIMARY KEY (SupplierID));

Subcontractor

CREATE TABLE Subcontractor(

SubcontractorID INT UNIQUE NOT NULL IDENTITY(1,1),

FName VARCHAR(15),

LName VARCHAR(15),

City VARCHAR(40),

Street VARCHAR(50),

ZipCode VARCHAR(5),

State VARCHAR(2),

Phone VARCHAR(10),

HourlyRate MONEY,

CONSTRAINT Subcontractor\_PK PRIMARY KEY (SubcontractorID));

Item

CREATE TABLE Item(

ItemID INT NOT NULL UNIQUE IDENTITY(1,1),

Description VARCHAR(200),

UnitCost MONEY,

CONSTRAINT Item\_PK PRIMARY KEY (ItemID));

Tool

CREATE TABLE Tool(

ToolID INT NOT NULL UNIQUE IDENTITY(1,1),

Descr VARCHAR(50),

SubcontractorID INT NOT NULL,

CONSTRAINT Tool\_PK PRIMARY KEY (ToolID),

CONSTRAINT Tool\_FK FOREIGN KEY (SubcontractorID)

REFERENCES Subcontractor(SubcontractorID) ON UPDATE CASCADE ON DELETE NO ACTION);

Skill

CREATE TABLE Skill(

SkillID INT NOT NULL UNIQUE IDENTITY(1,1),

Descr VARCHAR(150),

SubcontractorID INT NOT NULL,

CONSTRAINT Skill\_PK PRIMARY KEY (SkillID),

CONSTRAINT Skill\_FK FOREIGN KEY (SubcontractorID)

REFERENCES Subcontractor(SubcontractorID) ON UPDATE CASCADE ON DELETE NO ACTION);

Draw

CREATE TABLE Draw(

DrawID INT NOT NULL UNIQUE IDENTITY(1,1),

DrawAmt MONEY,

DrawDate DATE,

DrawItem VARCHAR(50),

Description VARCHAR(150),

FeeIncurred TINYINT,

SubcontractorID INT NOT NULL,

AcctNum INT NOT NULL,

CONSTRAINT Draw\_PK PRIMARY KEY (DrawID),

CONSTRAINT Draw\_FK1 FOREIGN KEY (SubcontractorID)

REFERENCES Subcontractor(SubcontractorID) ON UPDATE CASCADE ON DELETE NO ACTION,

CONSTRAINT Draw\_FK2 FOREIGN KEY (AcctNum)

REFERENCES RepairEscrowAccount(AcctNum) ON UPDATE CASCADE ON DELETE NO ACTION);

Orderline

CREATE TABLE Orderline(

OrderlineID INT NOT NULL UNIQUE IDENTITY(1,1),

OrderID INT NOT NULL,

QtyPurch INT,

PurchDate DATE,

SupplierID INT NOT NULL,

ItemID INT NOT NULL,

CONSTRAINT Order\_PK PRIMARY KEY (OrderlineID),

CONSTRAINT Order\_FK1 FOREIGN KEY (SupplierID)

REFERENCES Supplier(SupplierID) ON UPDATE CASCADE ON DELETE NO ACTION,

CONSTRAINT Order\_FK2 FOREIGN KEY (ItemID)

REFERENCES Item(ItemID) ON UPDATE CASCADE ON DELETE NO ACTION);

Lease

CREATE TABLE Lease(

LeaseID INT NOT NULL UNIQUE IDENTITY(1,1),

LeaseStart DATE,

LeaseEnd DATE,

FolioNumRent VARCHAR(16) NOT NULL UNIQUE,

TenantID INT NOT NULL UNIQUE,

LateFeeID INT NOT NULL UNIQUE,

CONSTRAINT Lease\_PK PRIMARY KEY (LeaseID),

CONSTRAINT Lease\_FK1 FOREIGN KEY (FolioNumRent)

REFERENCES RentalProperty(FolioNumRent) ON UPDATE CASCADE ON DELETE NO ACTION,

CONSTRAINT Lease\_FK2 FOREIGN KEY (TenantID)

REFERENCES Tenant(TenantID) ON UPDATE CASCADE ON DELETE NO ACTION,

CONSTRAINT Lease\_FK3 FOREIGN KEY (LateFeeID)

REFERENCES LateFeeHistory(LateFeeID) ON UPDATE CASCADE ON DELETE NO ACTION);

Loan

CREATE TABLE Loan(

LoanNumber INT NOT NULL UNIQUE IDENTITY(1,1),

ClosingCosts MONEY,

TotalLoanAmt MONEY,

DateIssued DATE,

LoanLength INT,

RepaymentDate DATE,

InterestRate INT,

OrginPoint MONEY,

MonthlyMortgagePMT MONEY,

MortgageFees MONEY,

MortgageTaxes MONEY,

TotalMonthlyMortgage MONEY,

DateGiven DATE,

PropType VARCHAR(10),

FolioNum VARCHAR(16) NOT NULL,

LenderID INT NOT NULL,

CONSTRAINT Loan\_PK PRIMARY KEY (LoanNumber),

CONSTRAINT Loan\_FK1 FOREIGN KEY (FolioNum)

REFERENCES Property(FolioNo) ON UPDATE CASCADE ON DELETE NO ACTION,

CONSTRAINT Loan\_FK2 FOREIGN KEY (LenderID)

REFERENCES Lender(LenderID) ON UPDATE CASCADE ON DELETE NO ACTION);

Repair

CREATE TABLE Repair(

RepairID INT NOT NULL UNIQUE IDENTITY(1,1),

AllottedMoney MONEY,

ActualRepairCost MONEY,

ActualLaborCost MONEY,

TotalMaterialCost MONEY,

Date DATE,

Description VARCHAR(150),

WarrantyWork TINYINT,

ContactPerson VARCHAR(50),

DaysWorked  INT,

HourlyWage MONEY,

BonusAmount MONEY,

HoursWorked INT,

SubcontractorID INT NOT NULL,

AcctNum INT NOT NULL,

OrderlineID INT NOT NULL,

FolioNum VARCHAR(16) NOT NULL,

CONSTRAINT Repair\_PK PRIMARY KEY (RepairID),

CONSTRAINT Repair\_FK1 FOREIGN KEY (SubcontractorID)

REFERENCES Subcontractor(SubcontractorID) ON UPDATE CASCADE ON DELETE NO ACTION,

CONSTRAINT Repair\_FK2 FOREIGN KEY (FolioNum)

REFERENCES Property(FolioNo) ON UPDATE CASCADE ON DELETE NO ACTION,

CONSTRAINT Repair\_FK3 FOREIGN KEY (AcctNum)

REFERENCES RepairEscrowAccount(AcctNum) ON UPDATE CASCADE ON DELETE NO ACTION,

CONSTRAINT Repair\_FK4 FOREIGN KEY (OrderlineID)

REFERENCES Orderline(OrderlineID) ON UPDATE CASCADE ON DELETE NO ACTION);

Permit

CREATE TABLE  Permit (

PermitID INT NOT NULL UNIQUE IDENTITY(1,1),

Cost MONEY,

RepairID INT NOT NULL UNIQUE,

CONSTRAINT Permit\_PK PRIMARY KEY (PermitID),

CONSTRAINT Permit\_FK FOREIGN KEY (RepairID)

REFERENCES Repair(RepairID) ON UPDATE CASCADE ON DELETE NO ACTION);

Inserts

Property

--Property

INSERT INTO Property VALUES (10001,'Krabby Way',14322,'HI','Sold',1,0,0,0,0);

INSERT INTO Property VALUES (10002,'Pineapple Lane',12345,'HI','Sold',1,0,0,0,0);

INSERT INTO Property VALUES (10003,'Jelly Fish Fields',96705,'HI','Sold',1,0,0,0,0);

INSERT INTO Property VALUES (10004,'Krabby Way',14322,'HI','Sold',1,0,0,0,0);

INSERT INTO Property VALUES (10005,'Coral Avenue ',14336,'HI','Sold',1,0,0,0,0);

INSERT INTO Property VALUES (10006,'Flyer Drive',96710,'HI','Sold',1,0,0,0,0);

INSERT INTO Property VALUES (10007,'Coral Avenue ',14336,'HI','Sold',1,0,0,0,0);

INSERT INTO Property VALUES (10008,'Chum Lane',12346,'HI','Sold',1,0,0,0,0);

INSERT INTO Property VALUES (10009,'Coral Avenue ',14336,'HI','Sold',1,0,0,0,0);

INSERT INTO Property VALUES (10010,'Shell Street',96705,'HI','Sold',1,0,0,0,0);

INSERT INTO Property VALUES (10011,'Jelly Fish Fields',96705,'HI','WIP',0,0,1,0,0);

INSERT INTO Property VALUES (10012,'Jelly Fish Fields',96705,'HI','WIP',0,0,1,0,0);

INSERT INTO Property VALUES (10013,'Chum Lane',12346,'HI','WIP',0,0,1,0,0);

INSERT INTO Property VALUES (10014,'Shell Street',96705,'HI','WIP',0,0,1,0,0);

INSERT INTO Property VALUES (10015,'Krabby Way',14322,'HI','WIP',0,0,1,0,0);

INSERT INTO Property VALUES (10016,'Hook Street',14331,'HI','WIP',0,0,1,0,0);

INSERT INTO Property VALUES (10017,'Chum Lane',12346,'HI','WIP',0,0,1,0,0);

INSERT INTO Property VALUES (10018,'Hook Street',14331,'HI','WIP',0,0,1,0,0);

INSERT INTO Property VALUES (10019,'Jelly Fish Fields',96705,'HI','WIP',0,0,1,0,0);

INSERT INTO Property VALUES (10020,'Coral Avenue ',14336,'HI','WIP',0,0,1,0,0);

INSERT INTO Property VALUES (10021,'Kelp Lane',40654,'HI','Vac',0,1,0,0,0);

INSERT INTO Property VALUES (10022,'Jelly Fish Fields',96705,'HI','Vac',0,1,0,0,0);

INSERT INTO Property VALUES (10023,'Hook Street',14331,'HI','Vac',0,1,0,0,0);

INSERT INTO Property VALUES (10024,'Flyer Drive',96710,'HI','Vac',0,1,0,0,0);

INSERT INTO Property VALUES (10025,'Flyer Drive',96710,'HI','Vac',0,1,0,0,0);

INSERT INTO Property VALUES (10026,'Suntan Beach',96706,'HI','Vac',0,1,0,0,0);

INSERT INTO Property VALUES (10027,'Chum Lane',12346,'HI','Vac',0,1,0,0,0);

INSERT INTO Property VALUES (10028,'Shell Street',96705,'HI','Vac',0,1,0,0,0);

INSERT INTO Property VALUES (10029,'Suntan Beach',96706,'HI','Vac',0,1,0,0,0);

INSERT INTO Property VALUES (10030,'Shell Street',96705,'HI','Vac',0,1,0,0,0);

INSERT INTO Property VALUES (10031,'High Rise Boulevard',40871,'HI','Rent',0,0,0,1,0);

INSERT INTO Property VALUES (10032,'High Rise Boulevard',40871,'HI','Rent',0,0,0,1,0);

INSERT INTO Property VALUES (10033,'Krabby Way ',14322,'HI','Rent',0,0,0,1,0);

INSERT INTO Property VALUES (10034,'Conch Street',40718,'HI','Rent',0,0,0,1,0);

INSERT INTO Property VALUES (10035,'High Rise Boulevard',40871,'HI','Rent',0,0,0,1,0);

INSERT INTO Property VALUES (10036,'Conch Street',40718,'HI','Rent',0,0,0,1,0);

INSERT INTO Property VALUES (10037,'Kelp Lane',40654,'HI','Rent',0,0,0,1,0);

INSERT INTO Property VALUES (10038,'Krabby Way ',14322,'HI','Rent',0,0,0,1,0);

INSERT INTO Property VALUES (10039,'Kelp Lane',40654,'HI','Rent',0,0,0,1,0);

INSERT INTO Property VALUES (10040,'High Rise Boulevard',40871,'HI','Rent',0,0,0,1,0);

INSERT INTO Property VALUES (10041,'Pineapple Lane',12345,'HI','Pot',0,0,0,0,1);

INSERT INTO Property VALUES (10042,'Pineapple Lane',12345,'HI','Pot',0,0,0,0,1);

INSERT INTO Property VALUES (10043,'Chum Lane',12346,'HI','Pot',0,0,0,0,1);

INSERT INTO Property VALUES (10044,'Pineapple Lane',12345,'HI','Pot',0,0,0,0,1);

INSERT INTO Property VALUES (10045,'Driving Street',12346,'HI','Pot',0,0,0,0,1);

INSERT INTO Property VALUES (10046,'Anchor Way',13245,'HI','Pot',0,0,0,0,1);

INSERT INTO Property VALUES (10047,'Tower Avenue',12346,'HI','Pot',0,0,0,0,1);

INSERT INTO Property VALUES (10048,'Anchor Way',13245,'HI','Pot',0,0,0,0,1);

INSERT INTO Property VALUES (10049,'Texas Street',13245,'HI','Pot',0,0,0,0,1);

INSERT INTO Property VALUES (10050,'Pineapple Lane',12345,'HI','Pot',0,0,0,0,1);

--Check

Select \*

from Property;

BusinessContact

--BusinessContact

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Johnny','Elaine',1111221234,'11 Newsroom Street',96701,'HI',9111199191,'S',0.15);

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Squillam','Fancyson',1111331234,'294 Mansion Ave',96703,'HI',1199111919,'S',0.05);

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Flying','Dutchman',1111441234,'4124 Flying Dutchman St',96704,'HI',8881234567,'S',0.1);

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Jelly','Fish',2222214321,'999 Jellyfish Fields',96705,'HI',8890000000,'NW',0.2);

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Craig','Mammalton',2223312341,'1293 Suntan Beach',96706,'HI',8881235555,'SW',0.33);

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Sea','Bear',2224413214,'1000 Circle Drive',96707,'HI',8891223311,'SE',0.25);

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Smitty','Werbenmanjenson',3332129876,'3891 Hewasnumberone St',96708,'HI',8882020201,'SW',0.08);

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Old Man','Jenkins',3331216978,'1020 Oldtimers Blvd',96709,'HI',7881099876,'SW',0.08);

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Wormy','Worm',3333139678,'9111 Flyer Drive',96710,'HI',8891112233,'S',0.2);

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Master','Udon',4441234321,'0753 Karate King Way',96711,'HI',6549009000,'W',0.12);

--Check

select \*

from BusinessContact;

WIP\_Property

--WIP\_Property

INSERT INTO WIP\_Property VALUES ('10011','12/15/2018',200000,100000,1);

INSERT INTO WIP\_Property VALUES ('10012','12/22/2018',100000,150000,1);

INSERT INTO WIP\_Property VALUES ('10013','01/02/2019',199000,80000,1);

INSERT INTO WIP\_Property VALUES ('10014','01/11/2019',150000,105000,0);

INSERT INTO WIP\_Property VALUES ('10015','01/15/2019',105000,115000,0);

INSERT INTO WIP\_Property VALUES ('10016','02/16/2019',220000,70000,1);

INSERT INTO WIP\_Property VALUES ('10017','02/19/2019',175000,110000,0);

INSERT INTO WIP\_Property VALUES ('10018','03/03/2019',275000,20000,1);

INSERT INTO WIP\_Property VALUES ('10019','03/14/2019',198000,75000,1);

INSERT INTO WIP\_Property VALUES ('10020','03/19/2018',189000,100500,0);

INSERT INTO WIP\_Property VALUES ('10031','01/02/2019',200000,80000,1);

INSERT INTO WIP\_Property VALUES ('10032','01/11/2019',100000,105000,1);

INSERT INTO WIP\_Property VALUES ('10033','01/15/2019',199000,115000,1);

INSERT INTO WIP\_Property VALUES ('10034','02/16/2019',150000,70000,1);

INSERT INTO WIP\_Property VALUES ('10035','02/19/2019',105000,110000,1);

INSERT INTO WIP\_Property VALUES ('10036','03/03/2019',220000,20000,1);

INSERT INTO WIP\_Property VALUES ('10037','03/14/2019',175000,75000,1);

INSERT INTO WIP\_Property VALUES ('10038','04/04/2014',100000,100500,1);

INSERT INTO WIP\_Property VALUES ('10039','03/03/2014',199000,70000,1);

INSERT INTO WIP\_Property VALUES ('10040','02/02/2018',150000,110000,1);

--Check

select \*

from WIP\_Property;

Sold\_Property

--Sold\_Property

INSERT INTO Sold\_Property VALUES ('10001','2/1/19',230755,58417,230397,-358,1,'Flying Dutchman',3826);

INSERT INTO Sold\_Property VALUES ('10002','2/1/19',118662,37468,148613,29951,1,'Sea Bear',1828);

INSERT INTO Sold\_Property VALUES ('10003','2/14/19',123642,66750,121618,-2024,0,'Sea Bear',2596);

INSERT INTO Sold\_Property VALUES ('10004','2/16/19',150968,79168,212022,61054,0,'Old Man Jenkins',4357);

INSERT INTO Sold\_Property VALUES ('10005','3/4/19',291218,88246,323169,31951,1,'Flying Dutchman',3466);

INSERT INTO Sold\_Property VALUES ('10006','3/26/19',247675,96892,346823,99148,1,'Jelly Fish',2445);

INSERT INTO Sold\_Property VALUES ('10007','3/27/19',112313,31983,140126,27813,0,'Old Man Jenkins',2524);

INSERT INTO Sold\_Property VALUES ('10008','3/28/19',259571,27591,312937,53366,1,'Sea Bear',3164);

INSERT INTO Sold\_Property VALUES ('10009','3/28/19',291266,86511,382165,90899,0,'Sea Bear',4435);

INSERT INTO Sold\_Property VALUES ('10010','3/30/19',128669,52738,222809,94140,1,'Jelly Fish',4325);

--Check

select \*

from Sold\_Property;

Vac\_Property

--Vac\_Property

INSERT INTO Vac\_Property VALUES ('10021','3/4/19',10605,4,293149,368735);

INSERT INTO Vac\_Property VALUES ('10022','3/26/19',5801,1,218530,33437);

INSERT INTO Vac\_Property VALUES ('10023','3/27/19',13959,1,104827,98290);

INSERT INTO Vac\_Property VALUES ('10024','3/28/19',9343,2,128226,57998);

INSERT INTO Vac\_Property VALUES ('10025','3/28/19',14819,3,83763,36299);

INSERT INTO Vac\_Property VALUES ('10026','3/30/19',8700,1,135811,83599);

INSERT INTO Vac\_Property VALUES ('10027','1/2/19',7667,1,231370,48505);

INSERT INTO Vac\_Property VALUES ('10028','1/3/19',12924,2,75962,-1642);

INSERT INTO Vac\_Property VALUES ('10029','2/27/19',13305,1,287546,63659);

INSERT INTO Vac\_Property VALUES ('10030','2/16/19',7791,3,174469,4474);

--Check

select \*

from Vac\_Property;

BusinessContact

--BusinessContact

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Johnny','Elaine',1111221234,'11 Newsroom Street',96701,'HI',9111199191,'S',0.15);

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Squillam','Fancyson',1111331234,'294 Mansion Ave',96703,'HI',1199111919,'S',0.05);

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Flying','Dutchman',1111441234,'4124 Flying Dutchman St',96704,'HI',8881234567,'S',0.1);

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Jelly','Fish',2222214321,'999 Jellyfish Fields',96705,'HI',8890000000,'NW',0.2);

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Craig','Mammalton',2223312341,'1293 Suntan Beach',96706,'HI',8881235555,'SW',0.33);

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Sea','Bear',2224413214,'1000 Circle Drive',96707,'HI',8891223311,'SE',0.25);

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Smitty','Werbenmanjenson',3332129876,'3891 Hewasnumberone St',96708,'HI',8882020201,'SW',0.08);

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Old Man','Jenkins',3331216978,'1020 Oldtimers Blvd',96709,'HI',7881099876,'SW',0.08);

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Wormy','Worm',3333139678,'9111 Flyer Drive',96710,'HI',8891112233,'S',0.2);

INSERT INTO BusinessContact (FName,LName,Phone,Street,ZipCode,State,OfficePhone,GeoArea,CommisionStructure) VALUES ('Master','Udon',4441234321,'0753 Karate King Way',96711,'HI',6549009000,'W',0.12);

--check

select \*

from BusinessContact;

Contract

--Contract

INSERT INTO Contract (FolioNum,ContractorID) VALUES ('10041',1);

INSERT INTO Contract (FolioNum,ContractorID) VALUES ('10021',2);

INSERT INTO Contract (FolioNum,ContractorID) VALUES ('10002',3);

INSERT INTO Contract (FolioNum,ContractorID) VALUES ('10048',4);

INSERT INTO Contract (FolioNum,ContractorID) VALUES ('10017',5);

INSERT INTO Contract (FolioNum,ContractorID) VALUES ('10030',6);

INSERT INTO Contract (FolioNum,ContractorID) VALUES ('10035',7);

INSERT INTO Contract (FolioNum,ContractorID) VALUES ('10009',8);

INSERT INTO Contract (FolioNum,ContractorID) VALUES ('10020',9);

INSERT INTO Contract (FolioNum,ContractorID) VALUES ('10042',10);

--check

select \*

from Contract;

RentalProperty

--RentalProperty

INSERT INTO RentalProperty VALUES ('10031',1500,750,0,0);

INSERT INTO RentalProperty VALUES ('10032',700,350,1,400);

INSERT INTO RentalProperty VALUES ('10033',1750,875,0,0);

INSERT INTO RentalProperty VALUES ('10034',2400,1200,0,0);

INSERT INTO RentalProperty VALUES ('10035',1550,775,0,0);

INSERT INTO RentalProperty VALUES ('10036',1200,600,1,250);

INSERT INTO RentalProperty VALUES ('10037',3000,1500,0,0);

INSERT INTO RentalProperty VALUES ('10038',1700,850,0,0);

INSERT INTO RentalProperty VALUES ('10039',900,450,1,400);

INSERT INTO RentalProperty VALUES ('10040',1590,795,0,0);

--check

select \*

from RentalProperty;

Tenant

--Tenant

INSERT INTO Tenant (FName,LName,Phone) VALUES ('Tom','Kenny',8881234567);

INSERT INTO Tenant (FName,LName,Phone) VALUES ('Bill','Fagerbakke',8881523678);

INSERT INTO Tenant (FName,LName,Phone) VALUES ('Clancy','Brown',8781245673);

INSERT INTO Tenant (FName,LName,Phone) VALUES ('Roger','Bumpass',8781527658);

INSERT INTO Tenant (FName,LName,Phone) VALUES ('Jill ','Talley',8889996666);

INSERT INTO Tenant (FName,LName,Phone) VALUES ('Mr.','Lawrence',8888439785);

INSERT INTO Tenant (FName,LName,Phone) VALUES ('Carolyn','Lawrence',8981239894);

INSERT INTO Tenant (FName,LName,Phone) VALUES ('Dee Bradley','Baker',8984788956);

INSERT INTO Tenant (FName,LName,Phone) VALUES ('Mary Jo ','Cattlet',7864858986);

INSERT INTO Tenant (FName,LName,Phone) VALUES ('Lori','Alan',7865259867);

--check

select \*

from tenant;

LateFeeHistory

--LateFeeHistory

INSERT INTO LateFeeHistory (LateFeeAmt,LateFeeIncurr,LateFeeDate) VALUES (50,50,'12/12/2019');

INSERT INTO LateFeeHistory (LateFeeAmt,LateFeeIncurr,LateFeeDate) VALUES (75,75,'12/20/2019');

INSERT INTO LateFeeHistory (LateFeeAmt,LateFeeIncurr,LateFeeDate) VALUES (50,100,'01/12/2019');

INSERT INTO LateFeeHistory (LateFeeAmt,LateFeeIncurr,LateFeeDate) VALUES (75,125,'01/24/2019');

INSERT INTO LateFeeHistory (LateFeeAmt,LateFeeIncurr,LateFeeDate) VALUES (40,40,'02/10/2019');

INSERT INTO LateFeeHistory (LateFeeAmt,LateFeeIncurr,LateFeeDate) VALUES (45,45,'03/01/2019');

INSERT INTO LateFeeHistory (LateFeeAmt,LateFeeIncurr,LateFeeDate) VALUES (50,150,'03/12/2019');

INSERT INTO LateFeeHistory (LateFeeAmt,LateFeeIncurr,LateFeeDate) VALUES (45,90,'03/10/2019');

INSERT INTO LateFeeHistory (LateFeeAmt,LateFeeIncurr,LateFeeDate) VALUES (60,60,'03/15/2019');

INSERT INTO LateFeeHistory (LateFeeAmt,LateFeeIncurr,LateFeeDate) VALUES (25,25,'04/01/2019');

--check

select \*

from LateFeeHistory;

Lender

--Lender

INSERT INTO Lender (FName,LName,Phone,Street,City,State,ZipCode,ProgramType,ContactName) VALUES ('Dirty','Bubble ','9994215648','4970 Pineapple Lane','Bikini Bottom','HI','12345','Mortgage','Craig Mammalton');

INSERT INTO Lender (FName,LName,Phone,Street,City,State,ZipCode,ProgramType,ContactName) VALUES ('Richard','Bottomfeeder','9994315647','190 Anchor Way','Bikini Bottom','HI','12346','Home Equity','Squillam Fancyson');

INSERT INTO Lender (FName,LName,Phone,Street,City,State,ZipCode,ProgramType,ContactName) VALUES ('Nat ','Peterson','7874551234','76 Chum Lane','Bikini Bottom','HI','12346','Refinance','Wormy Worm');

INSERT INTO Lender (FName,LName,Phone,Street,City,State,ZipCode,ProgramType,ContactName) VALUES ('Subie','Rechid','7974551246','100 Driving Street','Bikini Bottom','HI','12346','Mortgage','Master Udon');

INSERT INTO Lender (FName,LName,Phone,Street,City,State,ZipCode,ProgramType,ContactName) VALUES ('Ted','Fish','4445670123','1 Star Drive','Los Angeles','CA','67924','Mortgage','Craig Mammalton');

INSERT INTO Lender (FName,LName,Phone,Street,City,State,ZipCode,ProgramType,ContactName) VALUES ('Patty ','Caper','3331234567','39 Pecan Street','Dallas','TX','57841','Home Equity','Craig Mammalton');

INSERT INTO Lender (FName,LName,Phone,Street,City,State,ZipCode,ProgramType,ContactName) VALUES ('Horace','Whopper','4446789876','5900 Sun Street','Los Angeles','CA','67924','Home Equity','Squillam Fancyson');

INSERT INTO Lender (FName,LName,Phone,Street,City,State,ZipCode,ProgramType,ContactName) VALUES ('Judge','Stickleback','9995674532','2211 Texas Street ','Bikini Bottom','HI','13245','Mortgage Insurance','Master Udon');

INSERT INTO Lender (FName,LName,Phone,Street,City,State,ZipCode,ProgramType,ContactName) VALUES ('Miss','Shell','9995675521','567 Pineapple Way','Bikini Bottom','HI','12345','Mortgage','Wormy Worm');

INSERT INTO Lender (FName,LName,Phone,Street,City,State,ZipCode,ProgramType,ContactName) VALUES ('Sand','Dollar','8881937652','12 Beaches','Bikini Bottom','HI','12345','Refinance','Wormy Worm');

--check

select \*

from Lender;

RepairEscrowAccount

--RepairEscrowAccount

INSERT INTO RepairEscrowAccount (InitialAccountBalance) VALUES (1000000);

INSERT INTO RepairEscrowAccount (InitialAccountBalance) VALUES (780000);

INSERT INTO RepairEscrowAccount (InitialAccountBalance) VALUES (200000);

INSERT INTO RepairEscrowAccount (InitialAccountBalance) VALUES (450000);

INSERT INTO RepairEscrowAccount (InitialAccountBalance) VALUES (125000);

INSERT INTO RepairEscrowAccount (InitialAccountBalance) VALUES (2500000);

INSERT INTO RepairEscrowAccount (InitialAccountBalance) VALUES (110000);

INSERT INTO RepairEscrowAccount (InitialAccountBalance) VALUES (75000);

INSERT INTO RepairEscrowAccount (InitialAccountBalance) VALUES (625000);

INSERT INTO RepairEscrowAccount (InitialAccountBalance) VALUES (350000);

--check

select \*

from RepairEscrowAccount;

Owner

--Owner

INSERT INTO Owner (FName,LName,Street,City,State,ZipCode,Phone) VALUES ('SpongeBob','Squarepants','123 Pineapple Lane','Bikini Bottom','HI','12345','1015559999');

INSERT INTO Owner (FName,LName,Street,City,State,ZipCode,Phone) VALUES ('Patrick','Star','125 Pineapple Lane','Bikini Bottom','HI','12345','1015568888');

INSERT INTO Owner (FName,LName,Street,City,State,ZipCode,Phone) VALUES ('Sheldon','Plankton','12 Chum Lane','Bikini Bottom','HI','12346','1015551111');

INSERT INTO Owner (FName,LName,Street,City,State,ZipCode,Phone) VALUES ('Gary','Squarepants','123 Pineapple Lane','Bikini Bottom','HI','12345','1015562121');

INSERT INTO Owner (FName,LName,Street,City,State,ZipCode,Phone) VALUES ('Mrs.','Puff','24 Driving Street','Bikini Bottom','HI','12346','1015553456');

INSERT INTO Owner (FName,LName,Street,City,State,ZipCode,Phone) VALUES ('Pearl','Krabs','3451 Anchor Way','Bikini Bottom','HI','13245','1015562122');

INSERT INTO Owner (FName,LName,Street,City,State,ZipCode,Phone) VALUES ('Squilliam','Fancypants','4 Tower Avenue','Bikini Bottom','HI','12346','1015558762');

INSERT INTO Owner (FName,LName,Street,City,State,ZipCode,Phone) VALUES ('Eugene','Krabs','3451 Anchor Way','Bikini Bottom','HI','13245','1015559090');

INSERT INTO Owner (FName,LName,Street,City,State,ZipCode,Phone) VALUES ('Sandy','Cheeks','1124 Texas Street','Bikini Bottom','HI','13245','1015563455');

INSERT INTO Owner (FName,LName,Street,City,State,ZipCode,Phone) VALUES ('Squidward','Tentacles','124 Pineapple Lane','Bikini Bottom','HI','12345','1015554246');

--check

select \*

from Owner;

Supplier

--Supplier

INSERT INTO Supplier (Name,Street,City,State,ZipCode,Phone,Discount,Type,ContactName) VALUES ('Chum Bucket','12 Chum Lane','Bikini Bottom','HI',12345,1012334455,0.1,'Paint','Sheldon Plankton');

INSERT INTO Supplier (Name,Street,City,State,ZipCode,Phone,Discount,Type,ContactName) VALUES ('Krusty Krab','831 Bottom Feeder Lane','Bikini Bottom','HI',12346,1014567890,NULL,'Hardware','Eugene Krabs');

INSERT INTO Supplier (Name,Street,City,State,ZipCode,Phone,Discount,Type,ContactName) VALUES ('Glove World','7 Amusement Street','Bikini Bottom','HI',12346,1014235187,NULL,'Lumber','Evelyn');

INSERT INTO Supplier (Name,Street,City,State,ZipCode,Phone,Discount,Type,ContactName) VALUES ('Weenie Hut Jrs','100 Weenie Park','Bikini Bottom','HI',12345,1017675189,0.15,'Lumber','Martha Smith');

INSERT INTO Supplier (Name,Street,City,State,ZipCode,Phone,Discount,Type,ContactName) VALUES ('Super Weenie Hut Jrs','150 Weenie Park','Bikini Bottom','HI',12345,1014230282,NULL,'General','Sandals');

INSERT INTO Supplier (Name,Street,City,State,ZipCode,Phone,Discount,Type,ContactName) VALUES ('The Salty Spitoon','4490 Buff Man Lane','Bikini Bottom','HI',13245,1019810400,NULL,'Foliage','Old Man Jenkins');

INSERT INTO Supplier (Name,Street,City,State,ZipCode,Phone,Discount,Type,ContactName) VALUES ('Pizza Piehole','1200 Tasty Road','Bikini Bottom','HI',13245,1017671297,0.12,'Interior Decor','Scooter');

INSERT INTO Supplier (Name,Street,City,State,ZipCode,Phone,Discount,Type,ContactName) VALUES ('Kelpshake','1290 Tasty Road','Bikini Bottom','HI',12346,1019670505,0.03,'General','Frankie Billy');

INSERT INTO Supplier (Name,Street,City,State,ZipCode,Phone,Discount,Type,ContactName) VALUES ('Weenie Hut','300 Weenie Park','Bikini Bottom','HI',12345,1018651000,0.05,'NULL','Abigail Marge');

INSERT INTO Supplier (Name,Street,City,State,ZipCode,Phone,Discount,Type,ContactName) VALUES ('Wet Noodle','400 Weenie Park','Bikini Bottom','HI',12345,1018656000,0.05,'NULL','Painty the Pirate');

--check

select \*

from Supplier;

Subcontractor

--Subcontractor

INSERT INTO Subcontractor (FName,LName,City,State,Street,ZipCode,Phone,HourlyRate) VALUES ('Mermaid','Man','Sandy Shoals','HI','44 Retirement Avenue',13000,1013334444,12.5);

INSERT INTO Subcontractor (FName,LName,City,State,Street,ZipCode,Phone,HourlyRate) VALUES ('Barnacle','Boy','Sandy Shoals','HI','44 Retirement Avenue',13000,1017677671,11.5);

INSERT INTO Subcontractor (FName,LName,City,State,Street,ZipCode,Phone,HourlyRate) VALUES ('Flying','Dutchman','Los Angeles','CA','4370 Broken Boat Row',90210,7029994444,9.8);

INSERT INTO Subcontractor (FName,LName,City,State,Street,ZipCode,Phone,HourlyRate) VALUES ('Larry the','Lobster','Bikini Bottom','HI','4621 Buff Man Lane',12345,1014232842,21);

INSERT INTO Subcontractor (FName,LName,City,State,Street,ZipCode,Phone,HourlyRate) VALUES ('Bubble','Bass','Evilville','CA','79 Villianry Street',90210,7021001000,66.66);

INSERT INTO Subcontractor (FName,LName,City,State,Street,ZipCode,Phone,HourlyRate) VALUES ('Man','Ray','Evilville','CA','77 Villianry Street',90210,7021112222,66.66);

INSERT INTO Subcontractor (FName,LName,City,State,Street,ZipCode,Phone,HourlyRate) VALUES ('Dirty','Bubble','Evilville','CA','78 Villianry Street',90210,7026661111,66.66);

INSERT INTO Subcontractor (FName,LName,City,State,Street,ZipCode,Phone,HourlyRate) VALUES ('Karen','Plankton','Bikini Bottom','CA','12 Chum Lane',90210,7026671111,45.75);

INSERT INTO Subcontractor (FName,LName,City,State,Street,ZipCode,Phone,HourlyRate) VALUES ('King','Neptune','Atlantis','GA','1 King Court',65000,8655555555,425);

INSERT INTO Subcontractor (FName,LName,City,State,Street,ZipCode,Phone,HourlyRate) VALUES ('Perch','Perkins','Bikini Bottom','HI','9000 Normal Way',12345,1012824174,7.8);

--check

select \*

from Subcontractor;

Item

--Item

INSERT INTO Item (Description, UnitCost) VALUES ('Iron Hammer anti-RUST shield','5.11');

INSERT INTO Item (Description, UnitCost) VALUES ('Wrench 7/8 Xtreme','7.5');

INSERT INTO Item (Description, UnitCost) VALUES ('500 3/4" iron screws','1.25');

INSERT INTO Item (Description, UnitCost) VALUES ('100 2" screws','0.75');

INSERT INTO Item (Description, UnitCost) VALUES ('PaintWorld Paint primer 1 gallon','27.85');

INSERT INTO Item (Description, UnitCost) VALUES ('Sherwin Williams Ivory Matte paint 0.75 gal','21.25');

INSERT INTO Item (Description, UnitCost) VALUES ('Sherwin Williams Dove-gray HI-shine paint 1 gal','15.75');

INSERT INTO Item (Description, UnitCost) VALUES ('Sherwin Williams Fuschia-baby matte paint 0.75 gal','12.22');

INSERT INTO Item (Description, UnitCost) VALUES ('Phillips screwdriver','3.82');

INSERT INTO Item (Description, UnitCost) VALUES ('Sherwin Williams glossy paint primer','4.73');

--check

select \*

from item;

Tool

--tool

INSERT INTO Tool (Descr, SubcontractorID) VALUES ('Hammer',1);

INSERT INTO Tool (Descr, SubcontractorID) VALUES ('Screwdriver',2);

INSERT INTO Tool (Descr, SubcontractorID) VALUES ('Chainsaw',3);

INSERT INTO Tool (Descr, SubcontractorID) VALUES ('Sledgehammer',4);

INSERT INTO Tool (Descr, SubcontractorID) VALUES ('Extra big sledgehammer',5);

INSERT INTO Tool (Descr, SubcontractorID) VALUES ('Paint primer',6);

INSERT INTO Tool (Descr, SubcontractorID) VALUES ('Wrench',7);

INSERT INTO Tool (Descr, SubcontractorID) VALUES ('Plyers',8);

INSERT INTO Tool (Descr, SubcontractorID) VALUES ('Paint roler',9);

INSERT INTO Tool (Descr, SubcontractorID) VALUES ('Saw',10);

--check

select \*

from tool;

Skill

--skill

INSERT INTO Skill (Descr,SubcontractorID) VALUES ('Plumbing Expertise',2);

INSERT INTO Skill (Descr,SubcontractorID) VALUES ('Carpentry Expertse',4);

INSERT INTO Skill (Descr,SubcontractorID) VALUES ('Excavation Expertise ',5);

INSERT INTO Skill (Descr,SubcontractorID) VALUES ('Concrete Work',8);

INSERT INTO Skill (Descr,SubcontractorID) VALUES ('Electrical Expertise',9);

INSERT INTO Skill (Descr,SubcontractorID) VALUES ('Large Project Experience',10);

INSERT INTO Skill (Descr,SubcontractorID) VALUES ('Project Management',3);

INSERT INTO Skill (Descr,SubcontractorID) VALUES ('Roofing Expertise',1);

INSERT INTO Skill (Descr,SubcontractorID) VALUES ('Sheet Metal Work',7);

INSERT INTO Skill (Descr,SubcontractorID) VALUES ('Pipe Fitting Expertise',6);

INSERT INTO Skill (Descr,SubcontractorID) VALUES ('Masonry ',2);

INSERT INTO Skill (Descr,SubcontractorID) VALUES ('Land Scaping',4);

INSERT INTO Skill (Descr,SubcontractorID) VALUES ('Installation ',9);

--check

select \*

from skill;

PotentialProperty

--potentialproperty

INSERT INTO PotentialProperty VALUES ('10041',2,3,6954,0,1,43560,'Real Estate Professional','Wholesale',235833.84,212250.456,1,271208.916,1,0,'Fair',9);

INSERT INTO PotentialProperty VALUES ('10042',3,5,11024,0,1,9999,'Census Bureau','Wholesale',54134.586,48721.1274,1,62254.7739,0,1,'Good',8);

INSERT INTO PotentialProperty VALUES ('10043',2,3,6357,0,1,10000,'Real Estate Professional','Rehab',54140,48726,0,62261.,0,1,'Excellent',7);

INSERT INTO PotentialProperty VALUES ('10044',1,1,4751,1,0,23450,'Business Contact','Rehab',126958.3,114262.47,1,146002.045,0,1,'Poor',7);

INSERT INTO PotentialProperty VALUES ('10045',3,4,4418,0,1,45486,'Employee','Rehab',246261.204,221635.0836,0,283200.3846,0,1,'Fair',3);

INSERT INTO PotentialProperty VALUES ('10046',2,4,15952,0,1,9507,'Employee','Rehab',51470.898,46323.8082,0,59191.5327,1,0,'Good',2);

INSERT INTO PotentialProperty VALUES ('10047',2,3,17689,1,0,41542,'Real Estate Professional','Wholesale',224908.388,202417.5492,1,258644.6462,0,1,'Good',5);

INSERT INTO PotentialProperty VALUES ('10048',1,1,16443,0,1,13767,'Employee','Rehab',74534.538,67081.0842,1,85714.7187,0,1,'Excellent',4);

INSERT INTO PotentialProperty VALUES ('10049',1,2,9383,1,0,22634,'Employee','Rehab',122540.476,110286.4284,1,140921.5474,0,1,'Poor',10);

INSERT INTO PotentialProperty VALUES ('10050',1,3,11263,0,1,10769,'Real Estate Professional','Wholesale',58303.366,52473.0294,0,67048.8709,0,1,'Poor',1);

--check

select \*

from PotentialProperty;

Draw

--draw

INSERT INTO Draw (DrawAmt,DrawDate,Drawitem,Description,FeeIncurred,SubcontractorID,AcctNum) VALUES (5359,'2019/02/03','1','Iron Hammer anti-RUST shield',1,1,3);

INSERT INTO Draw (DrawAmt,DrawDate,Drawitem,Description,FeeIncurred,SubcontractorID,AcctNum) VALUES (6648,'2019/03/02','2','Wrench 7/8 Xtreme',1,2,7);

INSERT INTO Draw (DrawAmt,DrawDate,Drawitem,Description,FeeIncurred,SubcontractorID,AcctNum) VALUES (4118,'2019/01/31','3','500 3/4" iron screws',1,3,9);

INSERT INTO Draw (DrawAmt,DrawDate,Drawitem,Description,FeeIncurred,SubcontractorID,AcctNum) VALUES (2997,'2019/04/01','3','500 3/4" iron screws',1,4,10);

INSERT INTO Draw (DrawAmt,DrawDate,Drawitem,Description,FeeIncurred,SubcontractorID,AcctNum) VALUES (5426,'2018/02/05','3','500 3/4" iron screws',0,5,4);

INSERT INTO Draw (DrawAmt,DrawDate,Drawitem,Description,FeeIncurred,SubcontractorID,AcctNum) VALUES (6708,'2018/08/26','9','Phillips screwdriver',0,5,6);

INSERT INTO Draw (DrawAmt,DrawDate,Drawitem,Description,FeeIncurred,SubcontractorID,AcctNum) VALUES (2256,'2018/09/22','10','Sherwin Williams glossy paint primer',1,5,1);

INSERT INTO Draw (DrawAmt,DrawDate,Drawitem,Description,FeeIncurred,SubcontractorID,AcctNum) VALUES (2140,'2018/10/29','4','100 2" screws',0,6,2);

INSERT INTO Draw (DrawAmt,DrawDate,Drawitem,Description,FeeIncurred,SubcontractorID,AcctNum) VALUES (5275,'2019/02/02','2','Wrench 7/8 Xtreme',1,7,8);

INSERT INTO Draw (DrawAmt,DrawDate,Drawitem,Description,FeeIncurred,SubcontractorID,AcctNum) VALUES (9264,'2019/01/01','5','PaintWorld Paint primer 1 gallon',0,2,5);

--check

select \*

from Draw;

Orderline

--orders

INSERT INTO OrderLine (OrderID,QtyPurch,PurchDate,SupplierID,ItemID) VALUES (10,5,'2019-02-11',1,1);

INSERT INTO OrderLine (OrderID,QtyPurch,PurchDate,SupplierID,ItemID) VALUES (9,2,'2018-11-22',3,3);

INSERT INTO OrderLine (OrderID,QtyPurch,PurchDate,SupplierID,ItemID) VALUES (9,1,'2018-03-04',3,8);

INSERT INTO OrderLine (OrderID,QtyPurch,PurchDate,SupplierID,ItemID) VALUES (7,25,'2019-01-04',5,9);

INSERT INTO OrderLine (OrderID,QtyPurch,PurchDate,SupplierID,ItemID) VALUES (5,11,'2018-07-29',8,6);

INSERT INTO OrderLine (OrderID,QtyPurch,PurchDate,SupplierID,ItemID) VALUES (4,4,'2017-08-09',10,6);

INSERT INTO OrderLine (OrderID,QtyPurch,PurchDate,SupplierID,ItemID) VALUES (7,2,'2018-01-31',10,4);

INSERT INTO OrderLine (OrderID,QtyPurch,PurchDate,SupplierID,ItemID) VALUES (2,1,'2019-02-02',7,2);

INSERT INTO OrderLine (OrderID,QtyPurch,PurchDate,SupplierID,ItemID) VALUES (1,1,'2018-10-29',7,5);

INSERT INTO OrderLine (OrderID,QtyPurch,PurchDate,SupplierID,ItemID) VALUES (3,7,'2018-03-10',4,10);

--check

select \*

from OrderLine;

Lease

--LEASE

INSERT INTO Lease (LeaseStart,LeaseEnd,FolioNumRent,TenantID,LateFeeID) VALUES ('01/01/2018','12/31/2018','10031',1,3);

INSERT INTO Lease (LeaseStart,LeaseEnd,FolioNumRent,TenantID,LateFeeID) VALUES ('02/01/2018','08/31/2018','10032',2,4);

INSERT INTO Lease (LeaseStart,LeaseEnd,FolioNumRent,TenantID,LateFeeID) VALUES ('03/01/2018','03/31/2019','10033',3,8);

INSERT INTO Lease (LeaseStart,LeaseEnd,FolioNumRent,TenantID,LateFeeID) VALUES ('08/01/2018','05/31/2019','10034',4,9);

INSERT INTO Lease (LeaseStart,LeaseEnd,FolioNumRent,TenantID,LateFeeID) VALUES ('01/01/2019','12/31/2019','10035',5,10);

INSERT INTO Lease (LeaseStart,LeaseEnd,FolioNumRent,TenantID,LateFeeID) VALUES ('06/01/2018','06/30/2019','10036',6,1);

INSERT INTO Lease (LeaseStart,LeaseEnd,FolioNumRent,TenantID,LateFeeID) VALUES ('07/01/2018','07/31/2019','10037',7,2);

INSERT INTO Lease (LeaseStart,LeaseEnd,FolioNumRent,TenantID,LateFeeID) VALUES ('06/01/2018','12/31/2018','10038',8,5);

INSERT INTO Lease (LeaseStart,LeaseEnd,FolioNumRent,TenantID,LateFeeID) VALUES ('02/01/2019','08/31/2019','10039',9,7);

INSERT INTO Lease (LeaseStart,LeaseEnd,FolioNumRent,TenantID,LateFeeID) VALUES ('04/01/2018','10/31/2018','10040',10,6);

--check

select \*

from Lease;

Loan

--loan

INSERT INTO Loan (ClosingCosts,TotalLoanAmt,DateIssued,LoanLength,RepaymentDate,InterestRate,OrginPoint,MonthlyMortgagePMT,MortgageFees,MortgageTaxes,TotalMonthlyMortgage,DateGiven,PropType,FolioNum,LenderID) VALUES (8709.06,290302,'2018-02-01',10,'2028-02-01',0.092,2903.02,26708.4757234501,240.376281511051,534.169514469001,27483.0215194301,'2018-01-01','WIP','10011',2);

INSERT INTO Loan (ClosingCosts,TotalLoanAmt,DateIssued,LoanLength,RepaymentDate,InterestRate,OrginPoint,MonthlyMortgagePMT,MortgageFees,MortgageTaxes,TotalMonthlyMortgage,DateGiven,PropType,FolioNum,LenderID) VALUES (3709.62,123654,'2018-04-24',10,'2028-04-24',0.011,1236.54,1860.90247537812,16.748122278403,37.2180495075623,1914.86864716408,'2017-09-01','Rent','10031',3);

INSERT INTO Loan (ClosingCosts,TotalLoanAmt,DateIssued,LoanLength,RepaymentDate,InterestRate,OrginPoint,MonthlyMortgagePMT,MortgageFees,MortgageTaxes,TotalMonthlyMortgage,DateGiven,PropType,FolioNum,LenderID) VALUES (12989.61,432987,'2018-7-23',15,'2028-7-23',0.110,4329.87,47628.5703309264,428.657132978337,952.571406618527,49009.7988705232,'2019-01-01','WIP','10013',7);

INSERT INTO Loan (ClosingCosts,TotalLoanAmt,DateIssued,LoanLength,RepaymentDate,InterestRate,OrginPoint,MonthlyMortgagePMT,MortgageFees,MortgageTaxes,TotalMonthlyMortgage,DateGiven,PropType,FolioNum,LenderID) VALUES (17498.79,583293,'2018-12-12',15,'2028-12-12',0.045,5832.93,26257.6981505793,236.319283355213,525.153963011585,27019.1713969461,'2018-06-01','WIP','10014',9);

INSERT INTO Loan (ClosingCosts,TotalLoanAmt,DateIssued,LoanLength,RepaymentDate,InterestRate,OrginPoint,MonthlyMortgagePMT,MortgageFees,MortgageTaxes,TotalMonthlyMortgage,DateGiven,PropType,FolioNum,LenderID) VALUES (31617.6,1053920,'2019-01-14',20,'2029-01-14',0.100,10539.2,105392.000012262,948.528000110358,2107.84000024524,108448.368012618,'2018-03-01','Vac','10029',10);

INSERT INTO Loan (ClosingCosts,TotalLoanAmt,DateIssued,LoanLength,RepaymentDate,InterestRate,OrginPoint,MonthlyMortgagePMT,MortgageFees,MortgageTaxes,TotalMonthlyMortgage,DateGiven,PropType,FolioNum,LenderID) VALUES (9055.29,301843,'2019-02-19',10,'2029-02-19',0.050,3018.43,15135.5292183706,136.219762965335,302.710584367412,15574.4595657033,'2018-01-01','Vac','10030',1);

INSERT INTO Loan (ClosingCosts,TotalLoanAmt,DateIssued,LoanLength,RepaymentDate,InterestRate,OrginPoint,MonthlyMortgagePMT,MortgageFees,MortgageTaxes,TotalMonthlyMortgage,DateGiven,PropType,FolioNum,LenderID) VALUES (3131.76,104392,'2019-02-22',10,'2029-02-22',0.150,1043.92,15658.8008147374,140.929207332637,313.176016294748,16112.9060383648,'2018-09-01','Pot','10047',1);

INSERT INTO Loan (ClosingCosts,TotalLoanAmt,DateIssued,LoanLength,RepaymentDate,InterestRate,OrginPoint,MonthlyMortgagePMT,MortgageFees,MortgageTaxes,TotalMonthlyMortgage,DateGiven,PropType,FolioNum,LenderID) VALUES (11529.96,384332,'2019-03-01',10,'2029-03-01',0.132,3843.32,50731.8415270734,456.58657374366,1014.63683054147,52203.0649313585,'2018-01-01','WIP','10019',4);

INSERT INTO Loan (ClosingCosts,TotalLoanAmt,DateIssued,LoanLength,RepaymentDate,InterestRate,OrginPoint,MonthlyMortgagePMT,MortgageFees,MortgageTaxes,TotalMonthlyMortgage,DateGiven,PropType,FolioNum,LenderID) VALUES (16363.56,545452,'2019-03-15',15,'2029-03-15',0.100,5454.52,54545.2019322941,490.906817390647,1090.90403864588,56127.0127883306,'2019-02-01','Rent','10037',6);

INSERT INTO Loan (ClosingCosts,TotalLoanAmt,DateIssued,LoanLength,RepaymentDate,InterestRate,OrginPoint,MonthlyMortgagePMT,MortgageFees,MortgageTaxes,TotalMonthlyMortgage,DateGiven,PropType,FolioNum,LenderID) VALUES (7500,250000,'2019-03-20',10,'2029-03-20',0.050,2500,12535.9286271096,112.823357643986,250.718572542192,12899.4705572958,'2017-10-31','Sold','10003',8);

--check

select \*

from Loan;

Repair

--repair

INSERT INTO Repair (AllottedMoney,ActualRepairCost,ActualLaborCost,TotalMaterialCost,Date,Description,WarrantyWork,ContactPerson,DaysWorked,HourlyWage,BonusAmount,HoursWorked,SubcontractorID,FolioNum,AcctNum,OrderLineID) VALUES (1050,900,600,300,'03/15/2019','Leaking Roof',0,'Johnny',2,50.00,NULL,12,1,'10035',9,1);

INSERT INTO Repair (AllottedMoney,ActualRepairCost,ActualLaborCost,TotalMaterialCost,Date,Description,WarrantyWork,ContactPerson,DaysWorked,HourlyWage,BonusAmount,HoursWorked,SubcontractorID,FolioNum,AcctNum,OrderLineID) VALUES (350,200,200,0,'01/15/2019','Air Conditioner Not Working',1,'Squillam',1,50.00,NULL,4,3,'10036',10,2);

INSERT INTO Repair (AllottedMoney,ActualRepairCost,ActualLaborCost,TotalMaterialCost,Date,Description,WarrantyWork,ContactPerson,DaysWorked,HourlyWage,BonusAmount,HoursWorked,SubcontractorID,FolioNum,AcctNum,OrderLineID) VALUES (330,180,105,75,'12/15/2018','Patch Holes in Walls',0,'Flying',1,35.00,NULL,3,4,'10011',1,3);

INSERT INTO Repair (AllottedMoney,ActualRepairCost,ActualLaborCost,TotalMaterialCost,Date,Description,WarrantyWork,ContactPerson,DaysWorked,HourlyWage,BonusAmount,HoursWorked,SubcontractorID,FolioNum,AcctNum,OrderLineID) VALUES (530,380,180,200,'01/16/2019','Repaint Walls',0,'Jelly',2,18.00,NULL,10,4,'10012',1,3);

INSERT INTO Repair (AllottedMoney,ActualRepairCost,ActualLaborCost,TotalMaterialCost,Date,Description,WarrantyWork,ContactPerson,DaysWorked,HourlyWage,BonusAmount,HoursWorked,SubcontractorID,FolioNum,AcctNum,OrderLineID) VALUES (410,260,160,100,'03/15/2019','Busted Pipes',0,'Craig',1,40.00,NULL,4,5,'10013',2,4);

INSERT INTO Repair (AllottedMoney,ActualRepairCost,ActualLaborCost,TotalMaterialCost,Date,Description,WarrantyWork,ContactPerson,DaysWorked,HourlyWage,BonusAmount,HoursWorked,SubcontractorID,FolioNum,AcctNum,OrderLineID) VALUES (295,145,45,100,'01/19/2019','Broken Window',1,'Sea',1,15.00,NULL,3,9,'10014',2,4);

INSERT INTO Repair (AllottedMoney,ActualRepairCost,ActualLaborCost,TotalMaterialCost,Date,Description,WarrantyWork,ContactPerson,DaysWorked,HourlyWage,BonusAmount,HoursWorked,SubcontractorID,FolioNum,AcctNum,OrderLineID) VALUES (1390,1240,240,1000,'01/17/2019','Hot Water Heater Replacement',1,'Smitty',1,40.00,NULL,6,10,'10015',3,5);

INSERT INTO Repair (AllottedMoney,ActualRepairCost,ActualLaborCost,TotalMaterialCost,Date,Description,WarrantyWork,ContactPerson,DaysWorked,HourlyWage,BonusAmount,HoursWorked,SubcontractorID,FolioNum,AcctNum,OrderLineID) VALUES (1440,1290,90,1200,'02/15/2019','Washer and Dryer Installation ',1,'Old Man',1,18.00,NULL,5,7,'10016',4,5);

INSERT INTO Repair (AllottedMoney,ActualRepairCost,ActualLaborCost,TotalMaterialCost,Date,Description,WarrantyWork,ContactPerson,DaysWorked,HourlyWage,BonusAmount,HoursWorked,SubcontractorID,FolioNum,AcctNum,OrderLineID) VALUES (1920,1770,270,1500,'01/22/2019','Exterior Repaint',0,'Wormy',2,18.00,NULL,15,2,'10017',5,2);

INSERT INTO Repair (AllottedMoney,ActualRepairCost,ActualLaborCost,TotalMaterialCost,Date,Description,WarrantyWork,ContactPerson,DaysWorked,HourlyWage,BonusAmount,HoursWorked,SubcontractorID,FolioNum,AcctNum,OrderLineID) VALUES (2492,2342,342,2000,'02/26/2019','Redo Outdoor Patio',0,'Master',3,19.00,NULL,18,2,'10018',6,8);

INSERT INTO Repair (AllottedMoney,ActualRepairCost,ActualLaborCost,TotalMaterialCost,Date,Description,WarrantyWork,ContactPerson,DaysWorked,HourlyWage,BonusAmount,HoursWorked,SubcontractorID,FolioNum,AcctNum,OrderLineID) VALUES (1922,1772,272,1500,'02/22/2018','Retile Floor',1,'Wormy',2,17.00,NULL,16,6,'10019',7,9);

INSERT INTO Repair (AllottedMoney,ActualRepairCost,ActualLaborCost,TotalMaterialCost,Date,Description,WarrantyWork,ContactPerson,DaysWorked,HourlyWage,BonusAmount,HoursWorked,SubcontractorID,FolioNum,AcctNum,OrderLineID) VALUES (1026,876,176,700,'03/24/2019','Revamp Garden',0,'Wormy',2,11.00,NULL,16,9,'10020',8,10);

INSERT INTO Repair (AllottedMoney,ActualRepairCost,ActualLaborCost,TotalMaterialCost,Date,Description,WarrantyWork,ContactPerson,DaysWorked,HourlyWage,BonusAmount,HoursWorked,SubcontractorID,FolioNum,AcctNum,OrderLineID) VALUES (2190,2040,1440,600,'3/1/2019','Electrical Rewiring',1,'Squillam',3,60.00,NULL,24,8,'10035',9,1);

INSERT INTO Repair (AllottedMoney,ActualRepairCost,ActualLaborCost,TotalMaterialCost,Date,Description,WarrantyWork,ContactPerson,DaysWorked,HourlyWage,BonusAmount,HoursWorked,SubcontractorID,FolioNum,AcctNum,OrderLineID) VALUES (6750,6600,600,6000,'03/27/2019','Fix Wood Siding',1,'Craig',3,25.00,NULL,24,10,'10036',10,2);

--check

select \*

from Repair;

More WIP\_Property

--more data into WIP

INSERT INTO WIP\_Property VALUES ('10041','01/01/2017',212250.456,48492,1);

INSERT INTO WIP\_Property VALUES ('10042','02/07/2017',48721.1274,40605,1);

INSERT INTO WIP\_Property VALUES ('10044','04/05/2017',114262.47,36852,0);

INSERT INTO WIP\_Property VALUES ('10047','03/02/2018',202417.5492,71002,1);

INSERT INTO WIP\_Property VALUES ('10048','09/01/2017',67081.0842,17611,1);

INSERT INTO WIP\_Property VALUES ('10049','10/12/2017',110286.4284,14441,0);

select \*

from WIP\_Property;

More RentalProperty

--more data into rental

INSERT INTO RentalProperty VALUES ('10011',665,2272,0,NULL);

INSERT INTO RentalProperty VALUES ('10012',2658,1386,0,NULL);

INSERT INTO RentalProperty VALUES ('10013',1142,701,0,NULL);

INSERT INTO RentalProperty VALUES ('10016',2039,739,0,500);

INSERT INTO RentalProperty VALUES ('10018',730,1724,0,0);

INSERT INTO RentalProperty VALUES ('10019',1483,1733,0,NULL);

select \*

from RentalProperty;

More Vac\_Property

--more data into vacant

INSERT INTO Vac\_Property VALUES ('10042','01/01/2017',5229,6,240139,104360);

INSERT INTO Vac\_Property VALUES ('10047','02/04/2018',5287,5,51895,229072);

INSERT INTO Vac\_Property VALUES ('10048','10/12/2018',5414,8,178352,173294);

select \*

from Vac\_Property;

More Sold\_Property

--more into sold

INSERT INTO Sold\_Property VALUES ('10018','01/01/2017',118108,7764,250000,124128,1,'Jelly Fish',2269);

INSERT INTO Sold\_Property VALUES ('10019','02/01/2018',78510,11506,200000,109984,1,'Old Man Jenkins',2512);

INSERT INTO Sold\_Property VALUES ('10041','03/04/2018',136844,68913,375000,169243,0,'Flying Dutchman',3575);

select \*

from Sold\_Property;

More LateFeeHistory

--more into latefeehistory

INSERT INTO LateFeeHistory (LateFeeAmt,LateFeeIncurr,LateFeeDate) VALUES (10,10,'01/02/2019');

INSERT INTO LateFeeHistory (LateFeeAmt,LateFeeIncurr,LateFeeDate) VALUES (50,50,'03/01/2019');

INSERT INTO LateFeeHistory (LateFeeAmt,LateFeeIncurr,LateFeeDate) VALUES (75,75,'03/01/2019');

INSERT INTO LateFeeHistory (LateFeeAmt,LateFeeIncurr,LateFeeDate) VALUES (100,100,'04/01/2019');

INSERT INTO LateFeeHistory (LateFeeAmt,LateFeeIncurr,LateFeeDate) VALUES (200,200,'01/01/2018');

INSERT INTO LateFeeHistory (LateFeeAmt,LateFeeIncurr,LateFeeDate) VALUES (75,75,'04/01/2018');

select \*

from LateFeeHistory;

More into Tenant

--more into tenant

INSERT INTO Tenant (FName,LName,Phone) VALUES ('Bob','McBob',8008109170);

INSERT INTO Tenant (FName,LName,Phone) VALUES ('Paper','Bones',8105759807);

INSERT INTO Tenant (FName,LName,Phone) VALUES ('Krusty','Busstop',7941245997);

INSERT INTO Tenant (FName,LName,Phone) VALUES ('Squirrel','Numerodos',8854687417);

INSERT INTO Tenant (FName,LName,Phone) VALUES ('Barnacle','Cousin',8169115851);

INSERT INTO Tenant (FName,LName,Phone) VALUES ('Alaskan','Bullworm',8861978463);

More into Lease

--more into lease

INSERT INTO Lease (LeaseStart,LeaseEnd,FolioNumRent,TenantID,LateFeeID) VALUES ('12/01/2018','06/01/2019','10012',12,12);

INSERT INTO Lease (LeaseStart,LeaseEnd,FolioNumRent,TenantID,LateFeeID) VALUES ('02/02/2019','09/09/2019','10013',13,13);

INSERT INTO Lease (LeaseStart,LeaseEnd,FolioNumRent,TenantID,LateFeeID) VALUES ('02/01/2019','07/01/2019','10016',14,14);

INSERT INTO Lease (LeaseStart,LeaseEnd,FolioNumRent,TenantID,LateFeeID) VALUES ('09/09/2017','04/05/2018','10018',15,15);

INSERT INTO Lease (LeaseStart,LeaseEnd,FolioNumRent,TenantID,LateFeeID) VALUES ('10/01/2017','06/01/2018','10019',16,16);

select \*

from Lease;

Permit

--permit

INSERT INTO Permit (Cost,RepairID) VALUES (70,1);

INSERT INTO Permit (Cost,RepairID) VALUES (50,10);

INSERT INTO Permit (Cost,RepairID) VALUES (50,12);

INSERT INTO Permit (Cost,RepairID) VALUES (100,6);

INSERT INTO Permit (Cost,RepairID) VALUES (65,7);

INSERT INTO Permit (Cost,RepairID) VALUES (30,5);

INSERT INTO Permit (Cost,RepairID) VALUES (30,4);

INSERT INTO Permit (Cost,RepairID) VALUES (75,11);

INSERT INTO Permit (Cost,RepairID) VALUES (40,3);

INSERT INTO Permit (Cost,RepairID) VALUES (40,2);

--check

select \*

from Permit;

PropViolation

INSERT INTO PropViolation (Descr, FolioNumPotential) VALUES ('Unregistered Boatmobile','10041');

INSERT INTO PropViolation (Descr, FolioNumPotential) VALUES ('Tall Barnacles','10042');

INSERT INTO PropViolation (Descr, FolioNumPotential) VALUES ('Graffiti','10043');

INSERT INTO PropViolation (Descr, FolioNumPotential) VALUES ('Hooks in Yard','10044');

INSERT INTO PropViolation (Descr, FolioNumPotential) VALUES ('Bad Clarinet Music','10045');

INSERT INTO PropViolation (Descr, FolioNumPotential) VALUES ('Broken Windows','10046');

INSERT INTO PropViolation (Descr, FolioNumPotential) VALUES ('Trash','10047');

INSERT INTO PropViolation (Descr, FolioNumPotential) VALUES ('Unauthorized Improvements','10048');

INSERT INTO PropViolation (Descr, FolioNumPotential) VALUES ('Failure to Pay Taxes','10049');

INSERT INTO PropViolation (Descr, FolioNumPotential) VALUES ('Exposed Roof','10050');