---Step 2--- (DDL)

drop table ADVISOR cascade constraints;

drop table COMM\_MASTER cascade constraints;

drop table COMM\_TYPE cascade constraints;

drop table COURSE cascade constraints;

drop table DEPARTMENT cascade constraints;

drop table FURNISHED\_STATUS cascade constraints;

drop table INSPECTION cascade constraints;

drop table INVOICE cascade constraints;

drop table LEASE cascade constraints;

drop table NEXT\_OF\_KIN cascade constraints;

drop table NEXT\_OF\_KIN\_COMM cascade constraints;

drop table PAYMENT cascade constraints;

drop table PAYMENT\_TYPE cascade constraints;

drop table PROPERTY cascade constraints;

drop table PROPERTY\_COMM cascade constraints;

drop table PROPERTY\_TYPE cascade constraints;

drop table ROOM cascade constraints;

drop table STAFF cascade constraints;

drop table STUDENT cascade constraints;

CREATE TABLE COMM\_TYPE

(

COMM\_TYPE\_ID NUMBER NOT NULL

, COMM\_TYPE\_CODE VARCHAR2(255) NOT NULL

, CONSTRAINT COMM\_TYPE\_PK PRIMARY KEY

(

COMM\_TYPE\_ID

)

ENABLE

);

CREATE TABLE DEPARTMENT

(

DEPARTMENT\_ID NUMBER NOT NULL

, DEPARTMENT\_NUMBER VARCHAR2(20) NOT NULL

, DEPARTMENT\_NAME VARCHAR2(20) NOT NULL

, CONSTRAINT DEPARTMENT\_PK PRIMARY KEY

(

DEPARTMENT\_ID

)

ENABLE

);

CREATE TABLE FURNISHED\_STATUS

(

FURNISHED\_STATUS\_ID NUMBER NOT NULL

, FURNISHED\_STATUS\_CODE VARCHAR2(20) NOT NULL

, CONSTRAINT FURNISHED\_STATUS\_PK PRIMARY KEY

(

FURNISHED\_STATUS\_ID

)

ENABLE

);

CREATE TABLE PAYMENT\_TYPE

(

PAYMENT\_TYPE\_ID NUMBER NOT NULL

, PAYMENT\_TYPE\_CODE VARCHAR2(255) NOT NULL

, PAYMENT\_TYPE\_NAME VARCHAR2(255) NOT NULL

, CONSTRAINT PAYMENT\_TYPE\_PK PRIMARY KEY

(

PAYMENT\_TYPE\_ID

)

ENABLE

);

CREATE TABLE PROPERTY\_TYPE

(

PROPERTY\_TYPE\_ID NUMBER NOT NULL

, PROPERTY\_TYPE\_CODE VARCHAR2(20) NOT NULL

, CONSTRAINT PROPERTY\_TYPE\_PK PRIMARY KEY

(

PROPERTY\_TYPE\_ID

)

ENABLE

);

CREATE TABLE STAFF

(

STUFF\_ID NUMBER NOT NULL

, STAFF\_NUMBER VARCHAR2(255) NOT NULL

, NAME VARCHAR2(255)

, HOME\_ADDRESS LONG VARCHAR

, DOB DATE

, GENDER VARCHAR2(20)

, POSITION VARCHAR2(255)

, LOCATION VARCHAR2(255)

, CONSTRAINT STAFF\_PK PRIMARY KEY

(

STUFF\_ID

)

ENABLE

);

CREATE TABLE COMM\_MASTER

(

COMM\_MASTER\_ID NUMBER NOT NULL

, COMM\_MASTER\_COMM\_TYPE\_ID NUMBER NOT NULL

, COMM\_MASTER\_ORDER NUMBER

, COMM\_MASTER\_DETAIL VARCHAR2(255)

, CONSTRAINT COMM\_MASTER\_PK PRIMARY KEY

(

COMM\_MASTER\_ID

)

ENABLE

);

CREATE TABLE ADVISOR

(

ADVISOR\_ID NUMBER NOT NULL

, NAME VARCHAR2(255) NOT NULL

, POSITION VARCHAR2(255)

, DEPARTMENT\_ID NUMBER NOT NULL

, INTERNAL\_TELEPHONE\_NUMBER VARCHAR2(255)

, ROOM\_NUMBER VARCHAR2(20) NOT NULL

, CONSTRAINT ADVISOR\_PK PRIMARY KEY

(

ADVISOR\_ID

)

ENABLE

);

CREATE TABLE COURSE

(

COURSE\_ID NUMBER NOT NULL

, COURSE\_NUMBER VARCHAR2(20) NOT NULL

, COURSE\_NAME VARCHAR2(255) NOT NULL

, COURSE\_DEGREE\_TITLE VARCHAR2(255) NOT NULL

, DEGREE\_DIRECTOR\_NAME VARCHAR2(255)

, INTERNAL\_TELEPHONE\_NUMBER VARCHAR2(255)

, ROOM\_NUMBER VARCHAR2(255)

, DEPARTMENT\_ID NUMBER NOT NULL

, CONSTRAINT COURSE\_PK PRIMARY KEY

(

COURSE\_ID

)

ENABLE

);

CREATE TABLE PROPERTY

(

PROPERTY\_ID NUMBER NOT NULL

, PROPERTY\_TYPE\_ID NUMBER NOT NULL

, NAME VARCHAR2(255) NOT NULL

, MANAGER\_ID NUMBER

, FLAT\_NUMBER VARCHAR2(20)

, TOTAL\_BEDROOMS NUMBER

, AVAILABLE\_BEDROOMS NUMBER

, CONSTRAINT PROPERTY\_PK PRIMARY KEY

(

PROPERTY\_ID

)

ENABLE

);

CREATE TABLE STUDENT

(

STUDENT\_ID NUMBER NOT NULL

, IDENTIFICATION\_NUMBER VARCHAR2(255) NOT NULL

, NAME VARCHAR2(255) NOT NULL

, HOME\_ADDRESS VARCHAR2(255)

, DOB DATE NOT NULL

, GENDER VARCHAR2(20) NOT NULL

, CATEGORY\_OF\_STUDENT VARCHAR2(255) NOT NULL

, NATIONALITY VARCHAR2(255)

, SMOKER\_OR\_NOT CHAR(1) DEFAULT 'N'

, SPECIAL\_NEEDS VARCHAR2(255)

, ADDITIONAL\_COMMENTS VARCHAR2(255)

, STATUS VARCHAR2(20)

, STUDENT\_DEGREE\_COURSE\_ID NUMBER

, STUDENT\_ADVISOR\_ID NUMBER

, CONSTRAINT STUDENT\_PK PRIMARY KEY

(

STUDENT\_ID

)

ENABLE

);

CREATE TABLE INSPECTION

(

INSPECTION\_ID NUMBER NOT NULL

, INSPECTION\_STAFF\_ID NUMBER NOT NULL

, INSPECTION\_PROPERTY\_ID NUMBER NOT NULL

, INSPECTION\_DATE DATE NOT NULL

, SATISFACTORY CHAR(1) DEFAULT 'Y' NOT NULL

, ADDITIONAL\_COMMENTS LONG VARCHAR

, CONSTRAINT INSPECTION\_PK PRIMARY KEY

(

INSPECTION\_ID

)

ENABLE

);

CREATE TABLE PROPERTY\_COMM

(

PROPERTY\_COMM\_ID NUMBER NOT NULL

, PROPERTY\_COMM\_PROPERTY\_ID NUMBER NOT NULL

, PROPERTY\_COMM\_COMM\_ID NUMBER NOT NULL

, CONSTRAINT PROPERTY\_COMM\_PK PRIMARY KEY

(

PROPERTY\_COMM\_ID

)

ENABLE

);

CREATE TABLE NEXT\_OF\_KIN

(

NEXT\_OF\_KIN\_ID NUMBER NOT NULL

, NEXT\_OF\_KIN\_STUDENT\_ID NUMBER NOT NULL

, NAME VARCHAR2(255)

, RELATIONSHIP VARCHAR2(255)

, CONSTRAINT NEXT\_OF\_KIN\_PK PRIMARY KEY

(

NEXT\_OF\_KIN\_ID

)

ENABLE

);

CREATE TABLE ROOM

(

ROOM\_ID NUMBER NOT NULL

, ROOM\_PROPERTY\_ID NUMBER NOT NULL

, ROOM\_STUDENT\_ID NUMBER

, ROOM\_NUMBER VARCHAR2(255) NOT NULL

, MONTHLY\_RENT\_RATE DECIMAL(20,2)

, HALL\_PLACE\_NUMBER VARCHAR2(255)

, FLAT\_PLACE\_NUMBER VARCHAR2(255)

, STUDIO\_UNIT\_NUMBER VARCHAR2(255)

, FURNISHED\_STATUS\_ID NUMBER

, SELFCATERED CHAR(1) DEFAULT 'N'

, CONSTRAINT ROOM\_PK PRIMARY KEY

(

ROOM\_ID

)

ENABLE

);

CREATE TABLE NEXT\_OF\_KIN\_COMM

(

NEXT\_OF\_KIN\_COMM\_ID NUMBER NOT NULL

, NEXT\_OF\_KIN\_ID NUMBER NOT NULL

, COMM\_ID NUMBER NOT NULL

, CONSTRAINT NEXT\_OF\_KIN\_COMM\_PK PRIMARY KEY

(

NEXT\_OF\_KIN\_COMM\_ID

)

ENABLE

);

CREATE TABLE LEASE

(

LEASE\_ID NUMBER NOT NULL

, LEASE\_ROOM\_ID NUMBER NOT NULL

, LEASE\_STUDENT\_ID NUMBER NOT NULL

, LEASE\_NUMBER VARCHAR2(255)

, DURATION NUMBER NOT NULL

, START\_DATE DATE NOT NULL

, END\_DATE DATE

, SIGN\_DATE DATE

, CONSTRAINT LEASE\_PK PRIMARY KEY

(

LEASE\_ID

)

ENABLE

);

CREATE TABLE INVOICE

(

INVOICE\_ID NUMBER NOT NULL

, INVOICE\_LEASE\_ID NUMBER

, INVOICE\_NUMBER VARCHAR2(100) NOT NULL

, INVOICE\_AMOUNT DECIMAL(20,2) NOT NULL

, SEMESTER VARCHAR2(20)

, DUE\_DATE DATE

, CONSTRAINT INVOICE\_PK PRIMARY KEY

(

INVOICE\_ID

)

ENABLE

);

CREATE TABLE PAYMENT

(

PAYMENT\_ID NUMBER NOT NULL

, PAYMENT\_INVOICE\_ID NUMBER NOT NULL

, PAYMENT\_TYPE\_ID NUMBER NOT NULL

, PAYMENT\_AMOUNT DECIMAL(20,2) NOT NULL

, PAYMENT\_DATE DATE NOT NULL

, REMINDER\_SENT CHAR(1) DEFAULT 'N'

, CONSTRAINT PAYMENT\_PK PRIMARY KEY

(

PAYMENT\_ID

)

ENABLE

);

ALTER TABLE COMM\_TYPE

ADD CONSTRAINT COMM\_TYPE\_UK1 UNIQUE

(

COMM\_TYPE\_CODE

)

ENABLE;

ALTER TABLE DEPARTMENT

ADD CONSTRAINT DEPARTMENT\_UK1 UNIQUE

(

DEPARTMENT\_NUMBER

)

ENABLE;

ALTER TABLE FURNISHED\_STATUS

ADD CONSTRAINT FURNISHED\_STATUS\_UK1 UNIQUE

(

FURNISHED\_STATUS\_CODE

)

ENABLE;

ALTER TABLE INVOICE

ADD CONSTRAINT INVOICE\_UK1 UNIQUE

(

INVOICE\_NUMBER

)

ENABLE;

ALTER TABLE LEASE

ADD CONSTRAINT LEASE\_UK1 UNIQUE

(

LEASE\_NUMBER

)

ENABLE;

ALTER TABLE PAYMENT\_TYPE

ADD CONSTRAINT PAYMENT\_TYPE\_UK1 UNIQUE

(

PAYMENT\_TYPE\_CODE

)

ENABLE;

ALTER TABLE PROPERTY

ADD CONSTRAINT PROPERTY\_UK1 UNIQUE

(

FLAT\_NUMBER

)

ENABLE;

ALTER TABLE PROPERTY\_TYPE

ADD CONSTRAINT PROPERTY\_TYPE\_UK1 UNIQUE

(

PROPERTY\_TYPE\_CODE

)

ENABLE;

ALTER TABLE ROOM

ADD CONSTRAINT ROOM\_UK1 UNIQUE

(

HALL\_PLACE\_NUMBER

)

ENABLE;

ALTER TABLE ROOM

ADD CONSTRAINT ROOM\_UK2 UNIQUE

(

FLAT\_PLACE\_NUMBER

)

ENABLE;

ALTER TABLE ROOM

ADD CONSTRAINT ROOM\_UK3 UNIQUE

(

STUDIO\_UNIT\_NUMBER

)

ENABLE;

ALTER TABLE STAFF

ADD CONSTRAINT STAFF\_UK1 UNIQUE

(

STAFF\_NUMBER

)

ENABLE;

ALTER TABLE STUDENT

ADD CONSTRAINT STUDENT\_UK1 UNIQUE

(

IDENTIFICATION\_NUMBER

)

ENABLE;

ALTER TABLE ADVISOR

ADD CONSTRAINT ADVISOR\_FK1 FOREIGN KEY

(

DEPARTMENT\_ID

)

REFERENCES DEPARTMENT

(

DEPARTMENT\_ID

)

ENABLE;

ALTER TABLE COMM\_MASTER

ADD CONSTRAINT COMM\_MASTER\_FK1 FOREIGN KEY

(

COMM\_MASTER\_COMM\_TYPE\_ID

)

REFERENCES COMM\_TYPE

(

COMM\_TYPE\_ID

)

ENABLE;

ALTER TABLE COURSE

ADD CONSTRAINT COURSE\_FK1 FOREIGN KEY

(

DEPARTMENT\_ID

)

REFERENCES DEPARTMENT

(

DEPARTMENT\_ID

)

ENABLE;

ALTER TABLE INSPECTION

ADD CONSTRAINT INSPECTION\_FK1 FOREIGN KEY

(

INSPECTION\_PROPERTY\_ID

)

REFERENCES PROPERTY

(

PROPERTY\_ID

)

ENABLE;

ALTER TABLE INSPECTION

ADD CONSTRAINT INSPECTION\_FK2 FOREIGN KEY

(

INSPECTION\_STAFF\_ID

)

REFERENCES STAFF

(

STUFF\_ID

)

ENABLE;

ALTER TABLE INVOICE

ADD CONSTRAINT INVOICE\_FK3 FOREIGN KEY

(

INVOICE\_LEASE\_ID

)

REFERENCES LEASE

(

LEASE\_ID

)

ENABLE;

ALTER TABLE LEASE

ADD CONSTRAINT LEASE\_FK1 FOREIGN KEY

(

LEASE\_STUDENT\_ID

)

REFERENCES STUDENT

(

STUDENT\_ID

)

ENABLE;

ALTER TABLE LEASE

ADD CONSTRAINT LEASE\_FK2 FOREIGN KEY

(

LEASE\_ROOM\_ID

)

REFERENCES ROOM

(

ROOM\_ID

)

ENABLE;

ALTER TABLE NEXT\_OF\_KIN

ADD CONSTRAINT NEXT\_OF\_KIN\_FK1 FOREIGN KEY

(

NEXT\_OF\_KIN\_STUDENT\_ID

)

REFERENCES STUDENT

(

STUDENT\_ID

)

ENABLE;

ALTER TABLE NEXT\_OF\_KIN\_COMM

ADD CONSTRAINT NEXT\_OF\_KIN\_COMM\_FK1 FOREIGN KEY

(

NEXT\_OF\_KIN\_ID

)

REFERENCES NEXT\_OF\_KIN

(

NEXT\_OF\_KIN\_ID

)

ENABLE;

ALTER TABLE NEXT\_OF\_KIN\_COMM

ADD CONSTRAINT NEXT\_OF\_KIN\_COMM\_FK2 FOREIGN KEY

(

COMM\_ID

)

REFERENCES COMM\_MASTER

(

COMM\_MASTER\_ID

)

ENABLE;

ALTER TABLE PAYMENT

ADD CONSTRAINT PAYMENT\_FK1 FOREIGN KEY

(

PAYMENT\_INVOICE\_ID

)

REFERENCES INVOICE

(

INVOICE\_ID

)

ENABLE;

ALTER TABLE PAYMENT

ADD CONSTRAINT PAYMENT\_FK2 FOREIGN KEY

(

PAYMENT\_TYPE\_ID

)

REFERENCES PAYMENT\_TYPE

(

PAYMENT\_TYPE\_ID

)

ENABLE;

ALTER TABLE PROPERTY

ADD CONSTRAINT PROPERTY\_FK1 FOREIGN KEY

(

MANAGER\_ID

)

REFERENCES STAFF

(

STUFF\_ID

)

ENABLE;

ALTER TABLE PROPERTY

ADD CONSTRAINT PROPERTY\_FK2 FOREIGN KEY

(

PROPERTY\_TYPE\_ID

)

REFERENCES PROPERTY\_TYPE

(

PROPERTY\_TYPE\_ID

)

ENABLE;

ALTER TABLE PROPERTY\_COMM

ADD CONSTRAINT PROPERTY\_COMM\_FK1 FOREIGN KEY

(

PROPERTY\_COMM\_PROPERTY\_ID

)

REFERENCES PROPERTY

(

PROPERTY\_ID

)

ENABLE;

ALTER TABLE PROPERTY\_COMM

ADD CONSTRAINT PROPERTY\_COMM\_FK2 FOREIGN KEY

(

PROPERTY\_COMM\_COMM\_ID

)

REFERENCES COMM\_MASTER

(

COMM\_MASTER\_ID

)

ENABLE;

ALTER TABLE ROOM

ADD CONSTRAINT ROOM\_FK1 FOREIGN KEY

(

ROOM\_PROPERTY\_ID

)

REFERENCES PROPERTY

(

PROPERTY\_ID

)

ENABLE;

ALTER TABLE ROOM

ADD CONSTRAINT ROOM\_FK2 FOREIGN KEY

(

ROOM\_STUDENT\_ID

)

REFERENCES STUDENT

(

STUDENT\_ID

)

ENABLE;

ALTER TABLE ROOM

ADD CONSTRAINT ROOM\_FK3 FOREIGN KEY

(

FURNISHED\_STATUS\_ID

)

REFERENCES FURNISHED\_STATUS

(

FURNISHED\_STATUS\_ID

)

ENABLE;

ALTER TABLE STUDENT

ADD CONSTRAINT STUDENT\_FK1 FOREIGN KEY

(

STUDENT\_DEGREE\_COURSE\_ID

)

REFERENCES COURSE

(

COURSE\_ID

)

ENABLE;

ALTER TABLE STUDENT

ADD CONSTRAINT STUDENT\_FK2 FOREIGN KEY

(

STUDENT\_ADVISOR\_ID

)

REFERENCES ADVISOR

(

ADVISOR\_ID

)

ENABLE;

COMMENT ON COLUMN COMM\_TYPE.COMM\_TYPE\_CODE IS 'phone\_work,phone\_home,fax, mob,address,post';

COMMENT ON COLUMN FURNISHED\_STATUS.FURNISHED\_STATUS\_CODE IS 'fully, partly';

COMMENT ON COLUMN INVOICE.INVOICE\_NUMBER IS 'unique';

COMMENT ON COLUMN LEASE.DURATION IS 'semesters';

COMMENT ON COLUMN PROPERTY.PROPERTY\_TYPE\_ID IS 'hall, flats, studio';

COMMENT ON COLUMN PROPERTY.FLAT\_NUMBER IS 'unique';

COMMENT ON COLUMN PROPERTY\_TYPE.PROPERTY\_TYPE\_CODE IS 'hall, flats, studio';

COMMENT ON COLUMN ROOM.HALL\_PLACE\_NUMBER IS 'unique';

COMMENT ON COLUMN ROOM.FLAT\_PLACE\_NUMBER IS 'unique';

COMMENT ON COLUMN ROOM.STUDIO\_UNIT\_NUMBER IS 'unique';

COMMENT ON COLUMN ROOM.FURNISHED\_STATUS\_ID IS 'fully or partly';

---Step 3--- (DML)

ALTER SESSION SET NLS\_DATE\_FORMAT = 'DD/MM/YYYY';

INSERT INTO department VALUES(1,'001', 'Art');

INSERT INTO department VALUES(2,'002', 'Accountancy');

INSERT INTO advisor VALUES(1,'Jason', 'professor', 1, '021-0123456', 'A001');

INSERT INTO advisor VALUES(2,'Dave', 'assistant', 2, '021-0123456', 'BK839');

INSERT INTO advisor VALUES(3,'Lucy', 'assistant', 1, '021-0123456', '774012');

INSERT INTO COMM\_TYPE VALUES(1,'phone\_work');

INSERT INTO COMM\_TYPE VALUES(2,'phone\_home');

INSERT INTO COMM\_TYPE VALUES(3,'fax');

INSERT INTO COMM\_TYPE VALUES(4,'mob');

INSERT INTO COMM\_TYPE VALUES(5,'address');

INSERT INTO COMM\_TYPE VALUES(6,'post');

INSERT INTO COMM\_MASTER VALUES(1, 4, 1, '021-0766564');

INSERT INTO COMM\_MASTER VALUES(2, 2, 1, '021-233245');

INSERT INTO COMM\_MASTER VALUES(3, 1, 1, '021-342154326');

INSERT INTO COMM\_MASTER VALUES(4, 5, 1, '1 Queen St, Auckland');

INSERT INTO COMM\_MASTER VALUES(5, 6, 1, '2 Queen St, Auckland');

INSERT INTO course VALUES(1,'001a', 'Introductory Financial Accounting', 'Bachelor of Accountancy', 'Teemo', '077-767643', 'A2007', 1);

INSERT INTO course VALUES(2,'003c', 'Advanced Taxation', 'Bachelor of AgriCommerce', 'Lily', '123-65654', 'B443', 2);

INSERT INTO STAFF VALUES(1, '70345231', 'Alex', '3 Queen St', '20/02/1989', 'Male', 'Professor', 'A001');

INSERT INTO STAFF VALUES(2, '5675785672', 'George', '4 Queen St', '13/02/1989', 'Male', 'Associate Professor', 'B02');

INSERT INTO STAFF VALUES(3, '87967342', 'Doris', '5 Queen St', '13/05/1994', 'Female', 'Lecturer', 'cc31');

insert into property\_type VALUES(1,'Hall');

insert into property\_type VALUES(2,'Flats');

insert into property\_type VALUES(3,'Studio');

insert into property values(1, 1, 'RoseHome', 1, null, 20, 11);

insert into property values(2, 3, 'Basil', 2, null, 5, 4);

insert into property values(3, 2, 'Banana', 3, 'K309', 7, 2);

insert into property\_comm values(1, 1, 2);

insert into property\_comm values(2, 1, 3);

insert into property\_comm values(3, 1, 5);

insert into property\_comm values(4, 2, 1);

insert into property\_comm values(5, 2, 5);

insert into property\_comm values(6, 3, 4);

insert into inspection values(1, 2, 3, '12/04/2020', 'Y', 'Good');

insert into inspection values(2, 1, 1, '24/04/2020', 'Y', null);

insert into inspection values(3, 3, 2, '24/03/2020', 'N', 'It smells');

insert into STUDENT values(1, '432153214532', 'william', '10 Queen St, Auckland', '25/01/1994', 'Male', 'international', 'China', 'N', '', '', 'enrolled', 1,2);

insert into STUDENT values(2, '656532454566', 'James', '11 Queen St, Auckland', '12/07/1994', 'Male', 'international', 'USA', 'N', '', '', 'enrolled', 1,2);

insert into STUDENT values(3, '6554637435', 'Harper', '12 Queen St, Auckland', '22/02/1996', 'Male', 'domestic', 'New Zealand', 'N', '', '', 'enrolled', 1,2);

insert into STUDENT values(4, '132432143214', 'Mason', '13 Queen St, Auckland', '21/08/1987', 'Male', 'domestic', 'New Zealand', 'Y', '', '', 'enrolled', 1,2);

insert into STUDENT values(5, '342543564567', 'Ella', '14 Queen St, Auckland', '27/09/1991', 'Female', 'domestic', 'New Zealand', 'N', '', '', 'enrolled', 1,2);

insert into STUDENT values(6, '68758252345', 'Scarlett', '15 Queen St, Auckland', '13/11/1992', 'Female', 'international', 'India', 'N', '', '', 'suspended', 1,2);

insert into STUDENT values(7, '45637586454', 'Lily', '16 Queen St, Auckland', '08/12/1989', 'Female', 'international', 'TaiWan', 'N', '', '', 'enrolled', 1,2);

insert into FURNISHED\_STATUS values(1, 'Fully');

insert into FURNISHED\_STATUS values(2, 'Partly');

insert into room values(1, 1, 1, 'A330', 180.00, 'H0001', null, null, 1, 'N');

insert into room values(2, 2, 2, 'K32445', 600.05, null, null, 'S3301', 2, 'Y');

insert into room values(3, 3, 3, '34FJS21', 450.00, null, 'F0992', null, 1, 'Y');

insert into room values(4, 3, 3, 'FJ771', 420.24, null, 'F0993', null, 1, 'Y');

insert into room values(5, 1, 4, 'A330', 180.00, 'H0002', null, null, 1, 'N');

insert into room values(6, 1, 5, 'A330', 180.00, 'H0003', null, null, 1, 'Y');

insert into room values(7, 1, 6, 'A330', 180.00, 'H0444', null, null, 1, 'Y');

insert into room values(8, 2, 7, 'K32445', 820, null, null, 'S9992', 2, 'Y');

insert into lease values(1, 1, 1, 'LS23452', 2, '19/1/2020', '1/11/2021', '3/12/2019');

insert into lease values(2, 2, 2, 'LS2782', 2, '1/1/2020', '1/12/2021', '12/12/2019');

insert into lease values(3, 3, 3, 'LS235562', 2, '1/1/2020', '16/1/2021', '12/12/2019');

insert into lease values(4, 4, 3, 'LS9y8989', 2, '17/1/2020', '1/1/2021', '4/12/2019');

insert into lease values(5, 5, 4, 'LS212342', 2, '1/1/2020', '1/1/2021', '12/12/2019');

insert into lease values(6, 6, 5, 'LS23dxzf2', 2, '16/1/2020', '14/1/2021', '5/12/2019');

insert into lease values(7, 7, 6, 'LS20002', 2, '16/1/2020', '1/1/2021', '12/12/2019');

insert into lease values(10, 8, 7, 'LS2546652', 3, '11/1/2020', '1/1/2021', '6/12/2019');

-- history lease:

insert into lease values(8, 3, 1, 'LS666652', 2, '1/1/2012', '1/1/2015', '12/12/2011');

insert into lease values(9, 4, 7, 'LS287878', 5, '25/8/2015', '1/3/2016', '1/7/2015');

insert into invoice values(1, 1, 'INV987943', 300, '2020A', '16/1/2020');

insert into invoice values(2, 3, 'INVr4534', 200, '2020B', '16/2/2020');

insert into invoice values(3, 6, 'INV945y6h', 360.43, '2021A', '16/3/2021');

insert into invoice values(4, 8, 'INVdfhjj4343', 734.55, '2019A', '16/4/2019');

insert into next\_of\_kin values(1, 1, 'Wyatt', 'Father');

insert into next\_of\_kin values(2, 2, 'Lillian', 'Mother');

insert into next\_of\_kin values(3, 1, 'Julian', 'Mother');

insert into next\_of\_kin\_comm values(1, 1, 1);

insert into next\_of\_kin\_comm values(2, 2, 3);

insert into next\_of\_kin\_comm values(3, 3, 4);

insert into next\_of\_kin\_comm values(4, 2, 2);

insert into payment\_type values(1, 'DC', 'Direct Credit');

insert into payment\_type values(2, 'DD', 'Direct Debit');

insert into payment\_type values(3, 'CASH', 'Cash');

insert into payment\_type values(4, 'CHQUE', 'Chque');

insert into payment values(1, 1, 1, 300, '01/02/2020', 'N');

insert into payment values(2, 2, 1, 200, '01/02/2020', 'N');

insert into payment values(3, 3, 2, 100.32, '01/02/2020', 'Y');

insert into payment values(4, 3, 4, 150.77, '01/02/2020', 'Y');