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create table tb\_cliente(

cli\_id integer,

cli\_nome nvarchar(20),

cli\_fone nvarchar(10),

primary key(cli\_id)

);

create table tb\_apartamento(

apto\_id integer,

apto\_descricao nvarchar(80),

apto\_status nvarchar(15),

primary key(apto\_id)

);

create table tb\_check\_in(

cli\_id integer,

apto\_id integer,

dt\_entrada date,

vl\_diaria double,

foreign key(cli\_id) references tb\_cliente(cli\_id),

foreign key(apto\_id) references tb\_apartamento(apto\_id)

);

create table tb\_check\_out(

cli\_id integer,

apto\_id integer,

dt\_saida date,

foreign key (cli\_id) references tb\_cliente(cli\_id),

foreign key (apto\_id) references tb\_apartamento(apto\_id)

);

create table tb\_hospedagem(

cli\_id integer,

dt\_entrada date,

dt\_saida date,

vl\_diaria double,

qtde\_dias integer,

vl\_pagar double,

foreign key(cli\_id) references tb\_cliente(cli\_id)

);

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

insert into tb\_cliente values(1,'Pedro','99675-8976');

insert into tb\_cliente values(2,'André','99064-0009');

insert into tb\_cliente values(3,'Marta','99094-5566');

insert into tb\_cliente values(4,'Rute','99675-7645');

insert into tb\_cliente values(5,'Carla','98734-3297');

insert into tb\_cliente values(6,'Joaquim','97526-0354');

insert into tb\_apartamento values(134, 'TV, Ar-condicionado, frigobar','Livre');

insert into tb\_apartamento values(135, 'TV, Ar-condicionado, frigobar','Livre');

insert into tb\_apartamento values(136, 'TV, ventilador, frigobar','Livre');

insert into tb\_apartamento values(137, 'TV, ventilador, frigobar','Livre');

insert into tb\_apartamento values(138, 'TV, ventilador, frigobar, cofre','Livre');

insert into tb\_apartamento values(139, 'TV, ventilador, frigobar, cofre','Livre');

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Procedures and Triggers

DELIMITER $$

CREATE TRIGGER check\_in

AFTER INSERT ON tb\_check\_in

FOR EACH ROW

BEGIN

INSERT INTO tb\_hospedagem VALUES(new.cli\_id, new.dt\_entrada, null, new.vl\_diaria, null, null);

END $$

DELIMITER ;

DELIMITER $$

CREATE TRIGGER check\_out

AFTER INSERT ON tb\_check\_out

FOR EACH ROW

BEGIN

UPDATE tb\_hospedagem SET dt\_saida = now() where cli\_id in (select cli\_id from tb\_check\_out);

END $$

DELIMITER ;

DELIMITER $$

CREATE TRIGGER qtde\_dias

AFTER INSERT ON tb\_check\_out

FOR EACH ROW

BEGIN

UPDATE tb\_hospedagem SET qtde\_dias= datediff(dt\_saida, dt\_entrada);

END$$

DELIMITER ;

DELIMITER $$

CREATE TRIGGER status\_entrada

AFTER INSERT ON tb\_check\_in

FOR EACH ROW

BEGIN

UPDATE tb\_apartamento SET apto\_status ='Ocupado' where apto\_id in (select apto\_id from tb\_check\_in);

END$$

DELIMITER ;

DELIMITER $$

CREATE TRIGGER status\_saida

AFTER INSERT ON tb\_check\_out

FOR EACH ROW

BEGIN

UPDATE tb\_apartamento set apto\_status ='Livre' where apto\_id in (select apto\_id from tb\_check\_out);

END$$

DELIMITER ;

Resposta 04.

delimiter $$

CREATE procedure pagamento()

begin

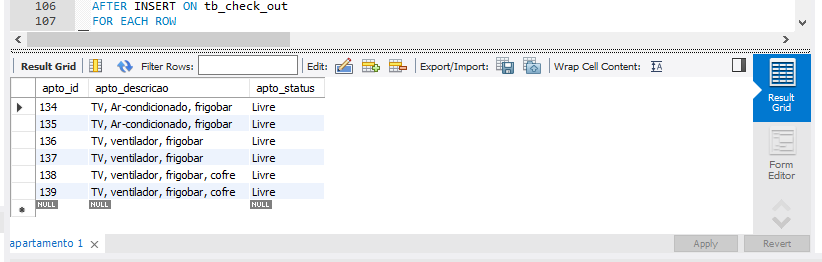
update tb\_hospedagem

set vl\_pagar = vl\_diaria \* qtde\_dias

where dt\_saida is not null;

end$$

Resposta 05.

select \* from tb\_apartamento; 

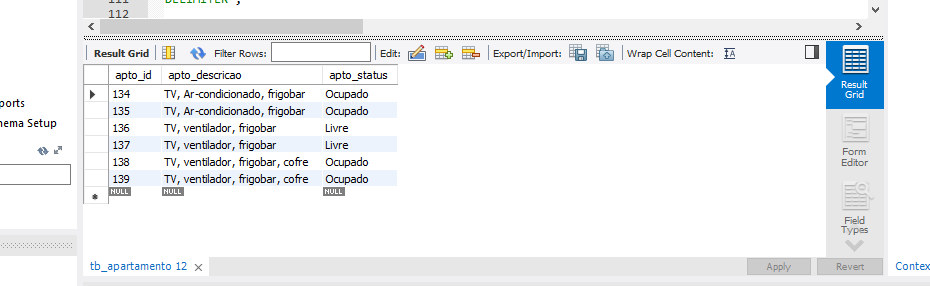
Resposta 06.

insert into tb\_check\_in values(1, 135, '2019/09/01', 170.00);

insert into tb\_check\_in values(2, 134, '2019/09/02', 160.00);

insert into tb\_check\_in values(3, 138, '2019/09/02', 200.00);

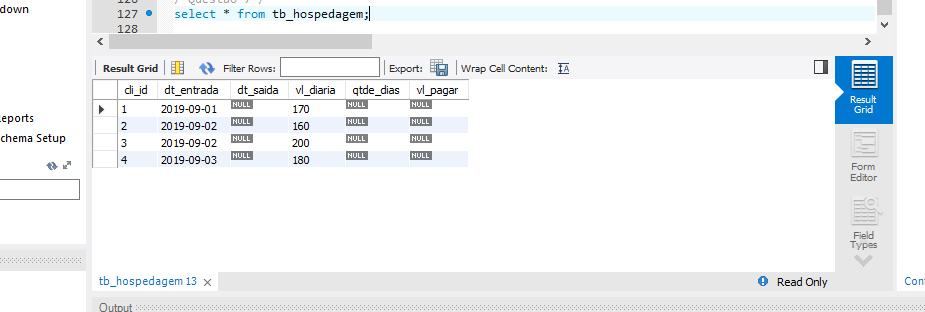
insert into tb\_check\_in values(4, 139, '2019/09/03', 180.00);



select \*from tb\_check\_in;

SET SQL\_SAFE\_UPDATES = 0;

Resposta 07.



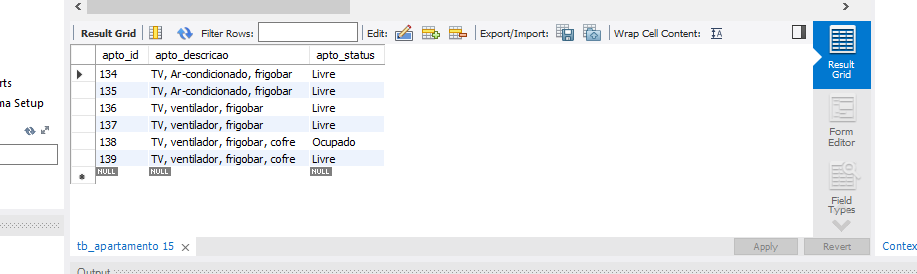
select \* from tb\_hospedagem;

Resposta 08.

insert into tb\_check\_out values(1, 135, now());

insert into tb\_check\_out values(2, 134, now());

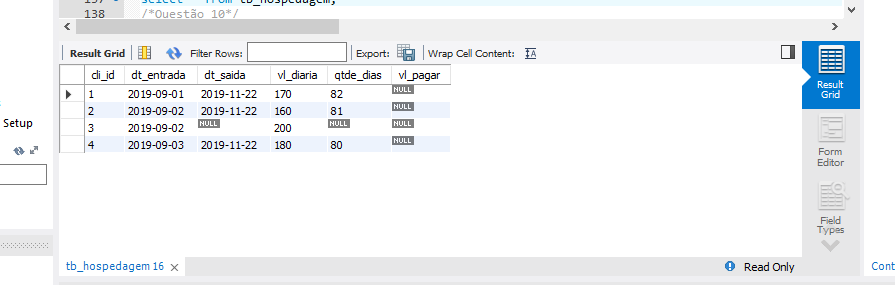
insert into tb\_check\_out values(4, 139, now());



select \* from tb\_check\_out;

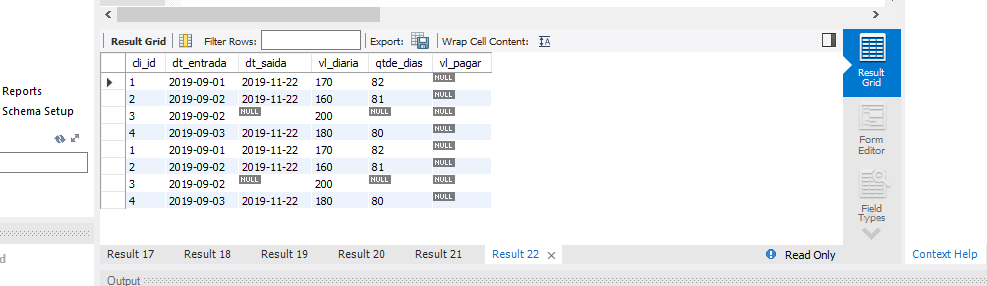
select \* from tb\_apartamento;

Resposta 09.



select \* from tb\_hospedagem;

Resposta 10.



call pagamento;

Reposta 11.

select \* from tb\_cliente;

select \* from tb\_apartamento;

select \* from tb\_check\_in;

select \* from tb\_check\_out;

select \* from tb\_hospedagem; 