כל השאילתות, פרוצדורות ופונקציות

-- 1) Start/END clean Room PROCEDURE

```
DELIMITER $$
CREATE PROCEDURE cleanRooms (
IN room_id VARCHAR(20) ,
IN worker_id VARCHAR(20) ,
IN operation VARCHAR(20)
)
BEGIN

    IF  ((operation = 'start_clean') AND (select room_status from rooms R where
R.room_id=room_id ) = 'wating for clean'  )   THEN
    begin
                        INSERT INTO clean_room(worker_id,room_id,start_clean)
                VALUES(worker_id,room_id,now());

                end ;
     ELSEIF ( (operation = 'end_clean') AND (select room_status from rooms R where
R.room_id=room_id ) = 'wating for clean'  )  THEN
       begin
       UPDATE clean_room
                        SET end_clean = now()
                        WHERE   clean_room.room_id =room_id AND clean_room.worker_id
=worker_id AND end_clean is NULL ;

            UPDATE rooms
                        SET room_status ='empty'
                        WHERE  rooms.room_id =room_id ;
                        end ;
                END IF;
END $$
DELIMITER ;
```

-- 2) change status OF THE ROOMS PROCEDURE

```
DELIMITER $$
CREATE PROCEDURE ordeingstatus (
IN orderid VARCHAR(20)
)
BEGIN
        DECLARE roomid INTEGER;
   select O.room_id INTO roomid from orders O where O.order_id = orderid;
     UPDATE rooms
                        SET room_status ='booked'
                        WHERE  rooms.room_id =roomid ;
END  $$
DELIMITER ;
```

-- 3) STATUS OF ROOM FUNCTION

```
DELIMITER $$
CREATE FUNCTION
        show_status(roomid INTEGER) RETURNS VARCHAR(100)
BEGIN
-- DECLARE a_count INTEGER default 0;
DECLARE roomstatus VARCHAR(100);
select room_status INTO roomstatus from rooms R where R.room_id = roomid;
RETURN roomstatus;

END$$
DELIMITER ;
```

-- inserts ROOM

```
INSERT INTO rooms (room_type ,room_beds,room_price_perday) VALUES
( 'suite ','2',500 ) ;
```

-- INSERT LOCATION

```
INSERT INTO location (room_id ,location_bulding,location_floor) VALUES
( 11,'L',2 ) ;
select * from location ;
```

-- INSERT CLIENTS

```
 INSERT INTO clients (client_name ,client_address,client_phone) VALUES
( 'C10','TEXAS', 597585259) ;
```

-- insert to worker

```
  INSERT INTO workers (worker_name ,worker_position,worker_adress,worker_phone)
VALUES
( 'w10','cleaning','new york',5154523559) ;
select * from workers ;
```

-- insert orders

```
 DELIMITER $$
CREATE PROCEDURE makeorder (
IN roomid INT,
IN clientid INT ,
IN workerid INT ,
IN startdate DATE,
IN enddate DATE
)
BEGIN
          DECLARE roomstatus varchar(25);
   select room_status INTO roomstatus from rooms where rooms.room_id = roomid;
     IF ((roomstatus= 'empty') ) THEN
     BEGIN
      DECLARE priceD INTEGER;
      select room_price_perday INTO priceD from rooms R where R.room_id = roomid;
           INSERT INTO orders (room_id
,client_id,worker_id,order_checkin,order_checkout,full_price) VALUES
                    ( roomid,clientid,workerid,startdate,enddate,DATEDIFF(enddate,
startdate)*priceD) ;

     END;

    END IF;
END  $$
DELIMITER ;
```

call makeorder(4,1,2,DATE_ADD(DATE(NOW()), INTERVAL 8 DAY),DATE_ADD(DATE(NOW()), INTERVAL 13 DAY));

-- CHANGE STATUS BY ORDER ID

```
 select orders.order_id  from orders where orders.room_id = 4 ;
call ordeingstatus(21);
```

-- update status for cleanig after the clients checkout

```
  UPDATE rooms AS R
          INNER JOIN orders AS O
      ON R.room_id = O.room_id
          SET  R.room_status = 'wating for clean'
          WHERE O.order_checkout <= DATE(NOW()) and room_status !='empty' ;
```

```
-- THING FOR TEST
SELECT DATE_ADD(now(), INTERVAL 10 DAY);
--  SELECT DATEDIFF('2020-10-30', '2020-10-01') AS 'Result';

-- select DATE(NOW());
 UPDATE rooms
                        SET room_status ='empty'
                        WHERE  rooms.room_id =5;
        delete from orders where worker_id=8;
        select  W.worker_position from workers W where W.worker_id=1;
        -- SELECT DATE_SUB(CURDATE(), INTERVAL 10 DAY);

        UPDATE rooms
        set room_status='wating for clean'
        where  room_id= 8;

select * from rooms;

select * from location;

select * from clients;

select * from workers;

select * from clean_room;

SELECT * FROM orders;
```