



CAB BOOKING

FUNCTIONS



APRIL 16, 2019

DBMS PL/SQL

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SQL> create or replace function cab_booking (customer_id customer.cust_id%type,jf
cab_ride.jfrom%type,jt cab_ride.jto%type) return number as

    z number;

    o number;

    name customer.cust_name%type;

    charge cab_ride.charges%type;

    cid cab.cab_id%type;

    t int;

    cursor c is select cab_id from cab where cab_id not in (select cab_id from cab_ride);

begin

    open c;

    fetch c into cid;

    select dis into t from distance_map where jfrom=jf and jto=jt;

    charge := t;

    z := 0;

    o := 1;

    t := (t*3)/2;

    if(c%NOTFOUND) then return z;

    else

        insert into cab_ride(cab_id,cust_id,ride_start_time,ride_end_time,jfrom,jto,cancelled,charges)
values(cid,customer_id,sysdate,sysdate + interval '30' minute,jf,jt,'N',charge);

        dbms_output.put_line('Cab booked');

        select cust_name into name from customer where cust_id=customer_id;

        dbms_output.put_line('Customer: ' || name);

        dbms_output.put_line('Cab ID: ' || cid);

        dbms_output.put_line('From: ' || jf);

        dbms_output.put_line('To: ' || jt);

        dbms_output.put_line('To pay: ' || charge);

    end if;

    close c;

    return o;    end;

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