

CAB BOOKING

FUNCTIONS



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DBMS PL/SQL

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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