**Problem Set**

**Task:**

Please see below for the questions on Stored Procedures and Instructions:

Assuming that students designed FlySafeAirways project

**Instructions:**

1. Our Customer FlySafeAirways asked to create some procedures for the following Questions.

**Questions:**

1. Create a stored procedure to display the flight information that takes off from Mumbai.

Answer:-

query:-

create or replace procedure flight\_info (fid out varchar ,fname out varchar ,src\_code out varchar ,dest\_code out varchar,jhrs out number )

is

begin

select f.fid,f.fname,f.source\_code,f.destination\_code,f.journey\_hrs into fid,fname,src\_code,dest\_code,jhrs

from flight f , city\_master cm

where f.SOURCE\_CODE = cm.CITY\_CODE and cm.CITY\_NAME = 'MUMBAI';

end flight\_info;

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declare

fid varchar2(5);

fname varchar2(20);

src\_code varchar2(5);

dest\_code varchar2(5);

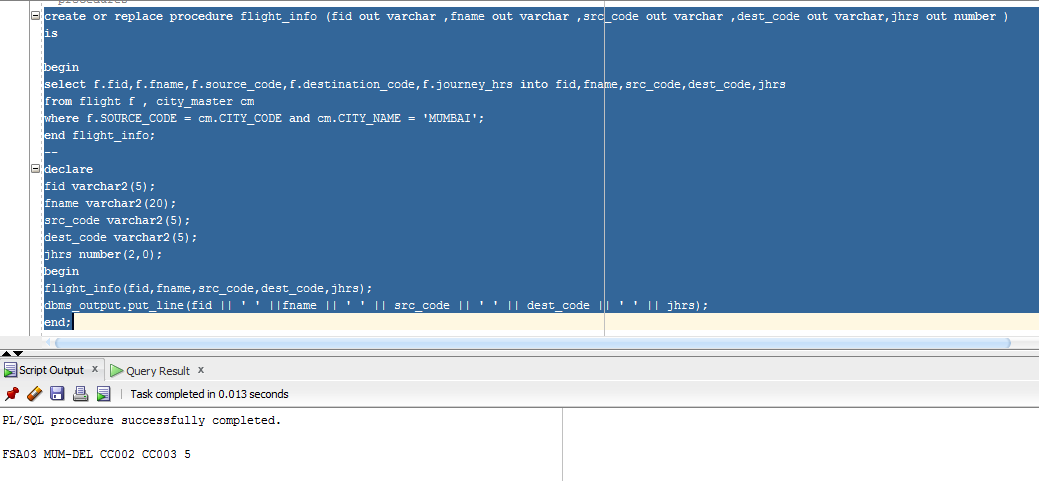
jhrs number(2,0);

begin

flight\_info(fid,fname,src\_code,dest\_code,jhrs);

dbms\_output.put\_line(fid || ' ' ||fname || ' ' || src\_code || ' ' || dest\_code || ' ' || jhrs);

end;



1. Create and execute a procedure to display all the meal options available in the British airways.

Answer:-

query:-

create or replace procedure meal\_options2

is

mopt meal\_master%rowtype;

begin

for mopt in (select mm.meal\_code,mm.meal\_name,mm.amount

from meal\_master mm,flight\_meal fm

where f.meal\_code = mm.meal\_code)

loop

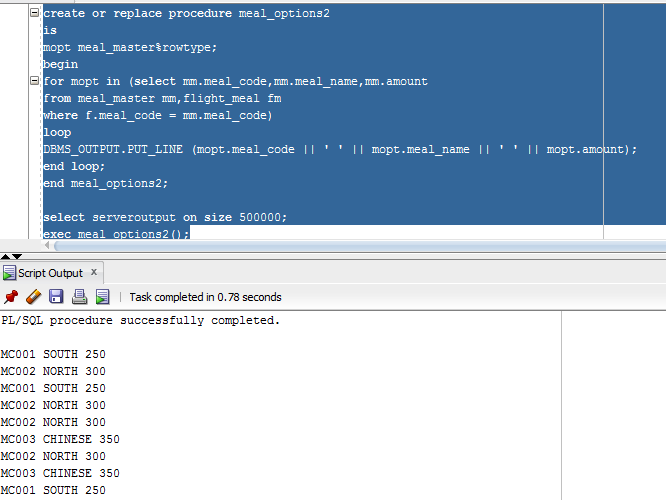
DBMS\_OUTPUT.PUT\_LINE (mopt.meal\_code || ' ' || mopt.meal\_name || ' ' || mopt.amount);

end loop;

end meal\_options2;

select serveroutput on size 500000;

exec meal\_options2();

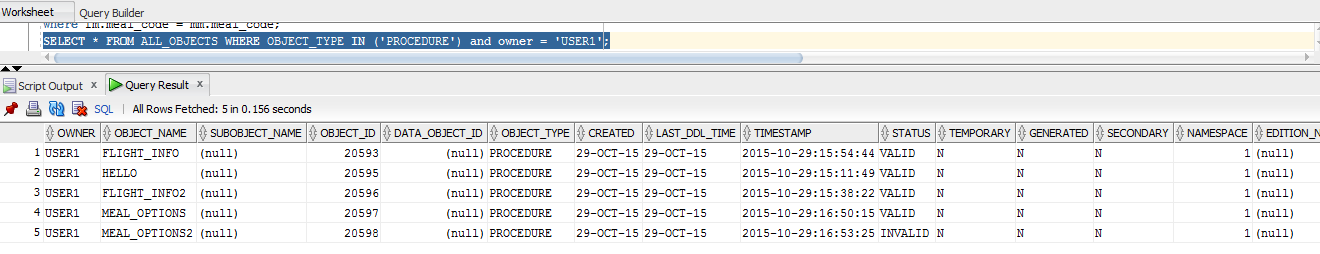


1. Display all the stored procedures present in the fly safe airways database.

Answer:-

query:-

SELECT \* FROM ALL\_OBJECTS WHERE OBJECT\_TYPE IN ('PROCEDURE') and owner = 'USER1';



1. Create and execute a stored procedure to display the airlines that offer ‘child care’ as a service. Modify this procedure to display the airlines that offer the service ‘nurse’.

Answer:-

query:-

create procedure service

is

s flight%rowtype;

begin

for s in (

select f.fid,f.fname

from flight f,flight\_services fs,service\_master sm

where f.fid = fs.fid and fs.service\_code = sm.service\_code and sm.service\_name = 'CHILDECARE')

loop

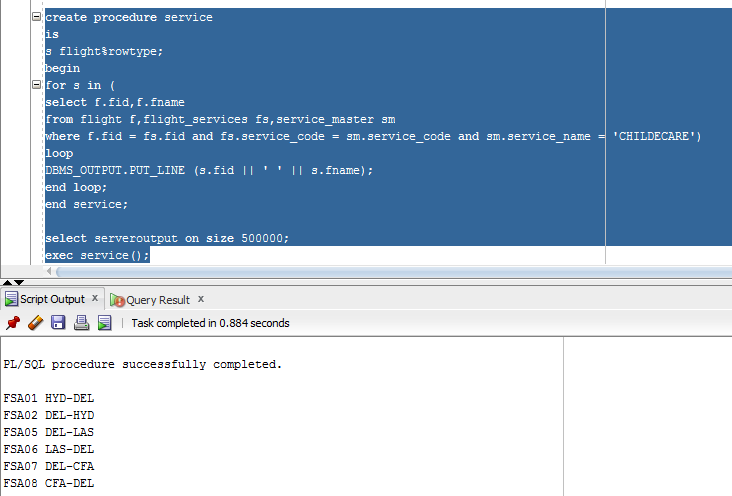
DBMS\_OUTPUT.PUT\_LINE (s.fid || ' ' || s.fname);

end loop;

end service;

select serveroutput on size 500000;

exec service();



create or replace procedure service

is

s flight%rowtype;

begin

for s in (

select f.fid,f.fname

from flight f,flight\_services fs,service\_master sm

where f.fid = fs.fid and fs.service\_code = sm.service\_code and sm.service\_name = 'NURSE')

loop

DBMS\_OUTPUT.PUT\_LINE (s.fid || ' ' || s.fname);

end loop;

end service;

select serveroutput on size 500000;

exec service();

