Subramani P

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PL/SQL Tasks

create database temp\_DB;

use temp\_DB;

create table employee (

employee\_name varchar(20),

emp\_experiance numeric,check(emp\_experiance <5),

hike\_percentage numeric,

emp\_role varchar(20));

insert into employee values('subramani',2,25,'Developer'),('Sankar',3,30,'Business analyst'),('Hari',4,27,'Data Analyst');

select \* from employee;

-- Question 1 - create a stored procedure that takes a product\_id as

-- input perameter and returns the details of that product;

create table product(

product\_id numeric,

product\_name varchar(20),

qty numeric,

price numeric

);

insert into product values(101,'soap',10,100),(102,'paste',20,35);

DELIMITER //

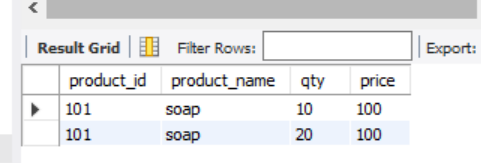
CREATE PROCEDURE get\_detail(in id numeric)

begin

select \* from product where product\_id = id;

end //

CALL get\_detail(101);



-- IN and out perameter

insert into product values(101,'soap',20,100),(102,'paste',25,35);

delimiter //

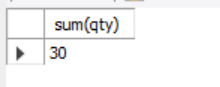
create procedure get\_data(in id numeric,out total\_qty numeric)

begin

select sum(qty) as total\_qty from product where product\_id = id;

end //

call get\_data(101, @product);



-- in&out method

delimiter //

create procedure multibytwo(inout num numeric)

begin

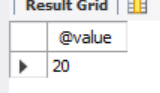
set num = num\* 2;

end //

set @value = 5;

call multibytwo(@value);

select @value;



-- Functions

-- Question 2 create a function that takes price as an arguments and returns the details of the

-- products whose price > arguments

delimiter //

create function getproductdemo3(priceofproduct numeric) returns varchar(50)

deterministic

begin

declare pname varchar(50);

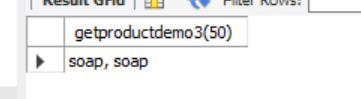
select group\_concat(product\_name separator ', ') as product\_name into pname from product where price > priceofproduct ;

return pname;

end //

select \* from product

select getproductdemo3(50);



delete from product where qty = 25

-- how to return complete table structure with functions and SP

create function get\_fulldataONE()

returns @fulltable table

(pro\_id numeric,p\_name varchar(50),price numeric,qty numeric)

as

begin

insert into @fulltable

select \* from from product;

return

end

SELECT get\_fulldataONE()

select \* from product;

DELIMITER //

create procedure product\_detail()

begin

select \* from product;

end //

CALL product\_detail()

