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Date: 22/11/2024

PLSQL

CODE:

```
ALTER TABLE WORKER ADD JoiningDate DATE;
```

use assignment; select * from product;

CREATE table WORKER(empid int, empname varchar(45), empsalary int, empdomain varchar(30), emp_age int);

INSERT into WORKER values

```
(20, 'Deepak', 20000, 'rpa', 23),
```

(17, 'Kumar', 17000, 'mech', 22),

(10, 'Raja', 30000, 'DA', 24),

(13, 'arun', 22000, 'DAt', 25),

(15, 'vasanth', 32000, 'AI', 27);

set sql_safe_updates=0;

UPDATE WORKER set JoiningDate='2019-12-21' WHERE empId = 20;

UPDATE WORKER set JoiningDate='2018-08-12' WHERE empId = 17;

UPDATE WORKER set JoiningDate='2017-07-12' WHERE empld = 10;

UPDATE WORKER set JoiningDate='2016-05-10' WHERE empld = 13;

UPDATE WORKER set JoiningDate='2015-04-09' WHERE empId = 15;

```
UPDATE WORKER set JoiningDate='2021-07-01' WHERE empId = 30;
```

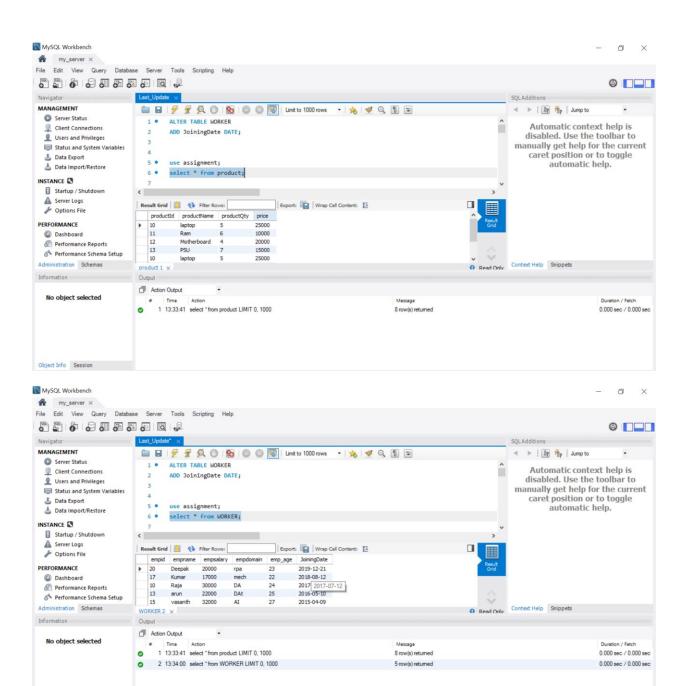
```
create view JoiningDate as
select * from WORKER
where JoiningDate in (select min(JoiningDate) from WORKER);
select * from JoiningDate
/* Stored procedure to get products by giving id*/
------STEP--1-------
use works;
-- STEP--2-----
CREATE TABLE product(
productld int,
productName varchar(30),
productQty int,
price int
);
-- STEP-3----- insert into
product value
(10, 'laptop', 5, 25000),
(11, 'Ram', 6, 10000),
(12, 'Motherboard', 4, 20000),
(13, 'PSU', 7, 15000);
-- STEP-4----- DELIMITER //
```

```
create procedure getProduct(IN id int)
begin
select * from Product where productId = id;
end //
DELIMITER;
DROP procedure getProduct;
call getProduct(12);
/* Stored procedure to get all products*/
create database works;
use works;
CREATE TABLE product(
productld int,
productName varchar(30),
productQty int,
price int
);
insert into product value
(10, 'laptop', 5, 25000),
(11, 'Ram', 6, 10000),
(12, 'Motherboard', 4, 20000),
(13, 'Psu', 7, 15000);
```

```
DELIMITER //
create procedure getMYProducts()
begin
select * from Product;
end //
DELIMITER;
call getMYProducts;
/* Stored procedure to return products where price condition */
create database works;
use works;
CREATE TABLE product(
productld int,
productName varchar(30),
productQty int,
price int
);
insert into product value
(10, 'laptop', 5, 25000),
(11, 'Ram', 6, 10000),
(13, 'Motherboard', 4, 20000),
```

```
(14, 'Psu', 7, 15000);
------STEP-8------ select * from
product
where price < 25000;
---STEP-9--
DELIMITER //
CREATE procedure getExpiredProducts(IN year INT)
BEGIN
select * from product
where YEAR (expireDate)=YEAR;
END //
DELIMITER;
-- STEP-10-----
CALL getExpiredProducts(2023);
-----STEP-11------
select * from WORKER
where location='Chennai';
```

Output



Object Info Session

