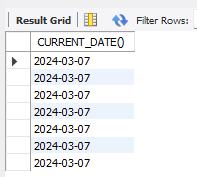
Lab assignment - 3

DBMS

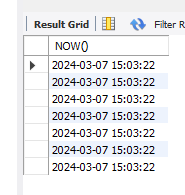
Question 1 :

SELECT CURRENT\_DATE() from product;



Questrion 2;

SELECT NOW() from product;

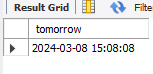


Question 3:

SELECT DATE\_FORMAT(NOW(), '%Y-%m-%d %H:%i:%s') AS custom\_format;

Question 4:

SELECT DATE\_ADD(NOW(), INTERVAL 1 DAY) AS tomorrow;



Question 5:

SELECT DATEDIFF('2024-02-10', '2024-02-05') AS date\_difference;  


Question 6:

SELECT TIMESTAMPDIFF(MINUTE, '2024-02-05 12:00:00', '2024-02-05 14:30:00') AS minutes\_difference;



Question 7:

SELECT STR\_TO\_DATE('2024-02-05', '%Y-%m-%d') AS converted\_date;



Question 8:

SELECT EXTRACT(YEAR FROM '2024-02-05') AS extracted\_year;



Question 9:



CREATING TABLES CUSTOMERS AND ORDERS;

CREATE TABLE customers (

customer\_numb VARCHAR(5) NOT NULL,

first\_name VARCHAR(20),

last\_name VARCHAR(20),

PRIMARY KEY (customer\_numb)

);

INSERT INTO customers (customer\_numb, first\_name, last\_name)

VALUES ('001', 'Jane', NULL),

('002', 'John', 'Doe'),

('003', 'Jane', 'Smith'),

('004', 'John', 'Jones'),

('005', 'Jane', NULL),

('006', 'John', NULL);

CREATE TABLE orders (

order\_numb INT NOT NULL AUTO\_INCREMENT,

customer\_numb VARCHAR(5) NOT NULL,

order\_date DATE,

order\_total DECIMAL(10,2),

PRIMARY KEY (order\_numb),

FOREIGN KEY (customer\_numb) REFERENCES customers(customer\_numb)

);

INSERT INTO orders (customer\_numb, order\_date, order\_total)

VALUES ('002', '2009-10-10', 250.85),

('002', '2010-02-21', 125.89),

('003', '2009-11-15', 1567.99),

('004', '2009-11-22', 180.92),

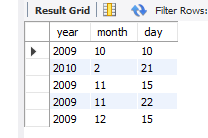
('004', '2009-12-15', 565.00);

Question 10:

SELECT EXTRACT(YEAR FROM order\_date) AS year,

EXTRACT(MONTH FROM order\_date) AS month,

EXTRACT(DAY FROM order\_date) AS day

FROM Orders;  


Question 11:

SELECT CONCAT(first\_name, ' ', last\_name) AS full\_name

FROM Customers;

