

**POST GRADUATE DIPLOMA IN INFORMATION SYSTEMS**

**MODULE EXAMINATION TEST 02R t Information System**

M23 IS.507 ADVANCED DATABASE SYSTEM

**LECTURER**

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**M23.IS 507 Advanced Database Systems Assignment Test 02**

**Q1.** Run a query to find all invoices from the billing city Brasilia, Edmonton,

Vancouver and sort in descending order by invoice ID.

Query to find all invoices from the billing cities Brasilia, Edmonton, and

Vancouver, sorted in descending order by invoice ID:

SELECT \*

FROM invoices

WHERE billing\_city IN ('Brasilia', 'Edmonton', 'Vancouver')

ORDER BY invoice\_id DESC;

**Q2.** Query to show the number of orders placed by each customer, assuming

the customer information is in the invoices table, and sorting the result by

the number of orders in descending order:

SELECT customer\_id, COUNT(\*) AS num\_orders

FROM invoices

GROUP BY customer\_id

ORDER BY num\_orders DESC;

**Q3.** Query to find the albums with 12 or more tracks in the albums table:

SELECT \*

FROM albums

WHERE track\_count >= 12;