Week03 - Testing Database

SQL to check the tables

Q1. Check that each table will display the output presented in the individual tables

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| Code | Expected Output (Comment) | Actual Output (Screenshot) |
| SELECT \*  FROM customer; | All records display (10 records) |  |
| SELECT \*  FROM ordering; | All records display (10 records) | A screenshot of a menu  Description automatically generated |
| SELECT \*  FROM order\_item; | All records display (10 records) | A screenshot of a menu  Description automatically generated |
| SELECT \*  FROM outlet; | All records display (10 records) | A screenshot of a computer  Description automatically generated |
| SELECT \*  FROM payment; | All records display (10 records) | A screenshot of a computer  Description automatically generated |
| SELECT \*  FROM staff; | All records display (10 records) | A screenshot of a computer  Description automatically generated |

Q2. Show the output from two of the adjacent tables in turn – that is orders and item; customers and orders

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| Code | Expected Output (Comment) | Actual Output (Screenshot) |
| SELECT \* FROM ordering, order\_item  WHERE order\_item.item\_no = ordering.item\_no; | All records display (10 records) | A screenshot of a computer  Description automatically generated |
| SELECT \* FROM customer, ordering WHERE customer.customer\_id = ordering.customer\_customer\_id; | All records display (10 records) | A screenshot of a computer  Description automatically generated |

Q3. Connect all three tables and display the output that shows the output from these three tables – customer, ordering and item.

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| Code | Expected Output (Comment) | Actual Output (Screenshot) |
| SELECT \* FROM customer, ordering, order\_item WHERE customer.customer\_id = ordering.customer\_customer\_id AND ordering.item\_no = order\_item.item\_no; | All records display (10 records) |  |

Q4. Create a query that will show the customer and items – so link these two

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| Code | Expected Output (Comment) | Actual Output (Screenshot) |
| SELECT customer.customer\_firstname, customer.customer\_surname, ordering.order\_item, order\_item.quantity FROM customer, ordering, order\_item WHERE customer.customer\_id = ordering.customer\_customer\_id AND ordering.item\_no = order\_item.item\_no; | All records display (10 records) | A screenshot of a menu  Description automatically generated |

Q5. A manager wants to show a catalog of the items in the system – but only the following attributes showing: customer\_id, customer\_name, item\_price

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| Code | Expected Output (Comment) | Actual Output (Screenshot) |
| SELECT customer.customer\_id AS CUSTOMER\_ID, customer.customer\_firstname AS FIRSTNAME, customer.customer\_surname AS SURNAME, ordering.order\_item AS ITEM, order\_item.quantity AS QUANTITY, payment.payment\_amount AS TOTAL\_PRICE FROM customer, ordering, order\_item, payment WHERE customer.customer\_id = ordering.customer\_customer\_id AND ordering.item\_no = order\_item.item\_no AND customer.customer\_id = payment.customer\_customer\_id; | All records display (10 records) |  |