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| **Task 1: Retrieving Data** |
| 1. Follow the instructions to install the UNI database 2. In the example database, retrieve the following information. Screenshot the SQL query used and the results obtained.  * Obtain all information on the Students not attending course 1 * Obtain the first name, surname and Date of Birth for the student with the email address: val.bolger@example.com * Obtain a list of the modules which have the subject Economics * Obtain a list of class numbers and their dates which are scheduled before 21st September 2020 |

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| **Task 2: INSERTING DATA** |
| In the example database, write inserts to insert the following information. Screenshot the SQL query and the results obtained.  Insert a record for a new course named Deep-Space Radar Telemetry  write an insert to insert records for the following modules:   * + String Theory   + Exotic Matter   + Harnessing the Einstein-Rosen Bridge   + Supercollision and miniature Black Holes   (These modules are worth 20 credits each, at level 6 and are taught on the Quantum Physics Course)  Using the information from the previous example and the LecturerID of 6, create a class for each new module.  Using the 3rd Normal Form Student Data from Activity 3, write an insert to enter this student data into the Student Table of the Example Database |

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| **Extension** |
| Use the create table functions in the previous example to create an application archive table for retaining information about successful applications. Decide on what your primary key is, as well as whatever foreign keys and data types you may need.  HINT: Always remember to write your code into a select statement before writing the insert for your data query, this means you can be sure that you are inserting the correct data BEFORE you insert it.an insert to enter this student data into the Student Table of the Example Database |

**Marking Criteria Tasks**

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|  | **Pass** | **Merit** | **Distinction** |
| **Syntax** | * Attempts to use SQL syntax with some success | * SQL syntax is largely accurate with some errors | * SQL syntax is consistently accurate and appropriate to the task |

## **Marking criteria Task 1**

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|  | **Pass** | **Merit** | **Distinction** |
| **SQL** | * Attempts to create the SQL for the task and bare some resemblance to the answer | * Successfully completes the SQL Using separate insert commands | * Successfully completes the SQL Using a single insert command * All SQL is formatting correctly |

## **Marking criteria Task 2**

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|  | **Pass** | **Merit** | **Distinction** |
| **SQL** | * Attempts to create the SQL for the task and bare some resemblance to the answer | * Successfully completes the SQL Using separate insert commands | * Successfully completes the SQL Using separate insert commands |