**SCHOOL OF COMPUTING (SOC)**

**CA2 Individual Template**

**Diploma in Applied AI & Analytics**

**ST1501**

**Data Engineering**

**2025/2026 Semester 1**

**This is the submission template for CA2 task e). Fill your name and student ID below, and your answers to respective tasks in subsequent pages.**

**Name:**

**Student ID:**

1. i) Paste your SQL statements for querying data from OLTP tables for each document below.

|  |  |
| --- | --- |
| **Document** | **SQL** |
| Patient |  |
| Appointment |  |

Count the number of records in each document after records are inserted.

|  |  |
| --- | --- |
| **Document** | **Number of Records** |
| Patient |  |
| Appointment |  |

ii) Paste your Mongo Command and results in below table for the 5 questions. Resize the table if needed.

|  |  |  |
| --- | --- | --- |
| **Question** | **Mongo Command** | **Result** |
| **1** |  |  |
| **2** |  |  |
| **3** |  |  |
| **4** |  |  |