

**MAKERERE UNIVERSITY BUSINESS SCHOOL
BACHELOR OF BUSINESS ADMINISTRATION III 2025/2026
ADVANCED ICT**

QUERY COMPUTATION (INDIVIDUAL REVISION CASE STUDY)

You are the IT Manager at MUBS. Your duties include producing reports for decision making from time to time. Study the information given and use it to answer the questions that follow.

Table: Course

Course_id	Course_Name	Tuition Fee
CB01	BBA	800,000
CB02	BCOM	1,000,000
CB03	BBC	1,500,000
CB04	BHRM	700,000
CB05	BPSM	1200,000
CB06	BSC ACC	1300,000
CB07	BOIM	1250,000
CB08	BESBM	900,000

Table: Student

Student_id	Reg_Number	Student_Name	Sex	Course_id
ST01	11/U/36771/PS	Krama	Male	CB01
ST02	09/U/2617/	Kovasic	Male	CB02
ST03	12/T/34674/EVE	Marylane	Female	CB03
ST04	13/U/8177/PS	Emilly	Female	CB04
ST05	10/U/63782/	Abindu	Male	CB06
ST06	13/U/34252/PS	Mayoka	Female	CB01
ST07	09/K/67772/EVE	Atim	Female	CB05
ST08	07/U/90029/PS	Manila	Female	CB08
ST09	12/U/29037/EVE	Sevic	Male	CB02
ST010	11/U/89028/PS	Ivan	Male	CB07

Required;

Using Microsoft Access,

- a) Create a database called Department Management System
- b) Create the two tables above in design View, assigning them appropriate data types
- c) Identify appropriate primary keys for each table
- d) Assign UGX as data type for Tuition Fee field
- e) Create a suitable relationship between the two tables to enforce referential integrity and enforce referential integrity
- f) Create two forms for the tables above as **Student Input Form** and **Course Input Form** respectively.
- g) Populate the above tables with the given data using the created forms
- h) Create a query to show all Female students whose course is BBA
- i) Create a query to prompt a member to enter a student name before seeing a student result
- j) The University intends to increase Tuition by 10%. Using a query;
 - i. Calculate the increase in Tuition
 - ii. Calculate the new Tuition Fee after increase
- k) Design a query to show all students whose Course Tuition is greater than or equal to 900,000 but less than or equal to 1300,000
- l) Create a query to project students whose names start with letter "M"
- m) Create a Query to show students whose names end with letter "C"
- n) Create a landscape report in Tabular layout for the Student Table. Name the report as the student report

End OF Case Study