Lab # 9

IICT BS DS Fall 2022

Task 01:   **[Estimated 15 minutes / 10 marks]**

- Create a Table named **"Students"**
- **"Students"** table should have following fields
  - ID
  - First Name
  - Last Name
  - Email
  - Phone Number
- Add Record of minimum **"30"** Students
- Create a Table named **"Student Attendance"**
- **"Student Attendance"** table should have following fields
  - ID
  - Attendance Date
  - Status (Absent, Present)
  - Student ID
  - Subject
- Add attendance details for each student in **"ICT"** & **"ICT Lab"** Subjects respectively
- **Student ID** in **"Student Attendance"** should be equal to the **ID** of student in **"Student"** table
- Save the document named **"Your RollNo_Task01"**

Task 02: Student Attendance Record   **[20 minutes / 35 marks]**

- Open the Pre-Lab document
- Create a simple query in **"Students"** table which selects:
  - Email Address
  - First Name
  - Last Name respectively
- Find Duplication in **"Student Attendance"** on the basis of **"Attendance Date"** field
- Create a multiple table query between **"Students"** and **"Student Attendance"** tables which selects:
  - First Name
  - Last Name
  - Attendance Status
  - Subject
  - Attendance Date respectively
- There must be a relation established between the tables
- Name access file with **"Your RollNo_Task02"**

Task 03: Query Criteria   **[10 minutes / 15 marks]**

- For the above multiple table query, add following criteria's:
  - **"Status"** field should be **"Present"**

- **"First Name"** should contain a character **"e"**
- User should be asked to input the **"Subject"** name
- Create a Multi Item Form for **"Students"** Table

Task 04: Course Assignment   [Estimated time 30 minutes / 30 marks]

- Design a Database with Tables:
  - Teachers
  - Courses
- The fields in the **"Teachers"** table must be:
  - First Name
  - Last Name
  - Age
  - Email
  - Course ID
- The fields in the **"Course"** table must be:
  - ID
  - Course Name
- Create a Relationship between Course & Teacher table ☐   Create a Multi Table query with fields selected:
  - First Name
  - Last Name
  - Age
  - Course Name
- Apply following query criteria's:
  - Teacher's age should be **">30 and <60"**
  - Course Name ends with **"T"**
- Create a **"Split Form"** of each table
- Create a **"Navigation Form"** and add Split forms in it