Lab # 01:

"Introduction to Database"

Lab Objectives:

- Concept of Database
- Different terminologies in Tabular Database
- Introduction to MS Access
- Creating Database with MS Access

Introduction:

Database:

A database-management system (DBMS) is a collection of interrelated data and a set of programs to access those data. The collection of data, usually referred to as the database, contains information relevant to an enterprise. The primary goal of a DBMS is to provide a way to store and retrieve database information that is both convenient and efficient.

A DBMS is the database itself, along with all the software and functionality. It is used to perform different operations, like addition, access, updating, and deletion of the data.

Microsoft Access:

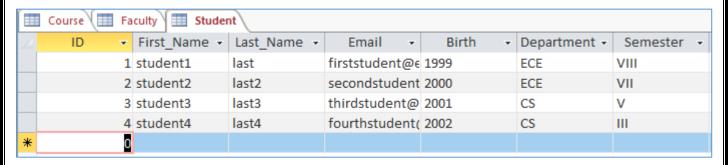
Microsoft Access is a well-known database management system produced by Microsoft and is part of the Microsoft 365 office suite. Microsoft Access combines Microsoft's relational Jet Database Engine with software development tools and a graphic user interface (GUI).

We will be using MS Access to design and implement of Database concept for few labs.

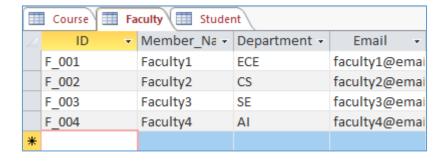
In-Lab Tasks:

Task # 01:

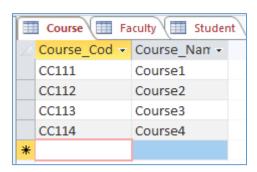
Student:



Faculty:



Course:



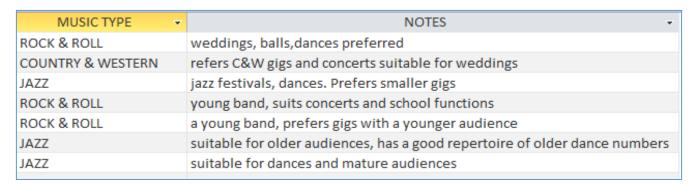
Post-Lab Tasks:

Task # 01:

First 3 columns:



Remaining Columns:



Whole Table Look:

