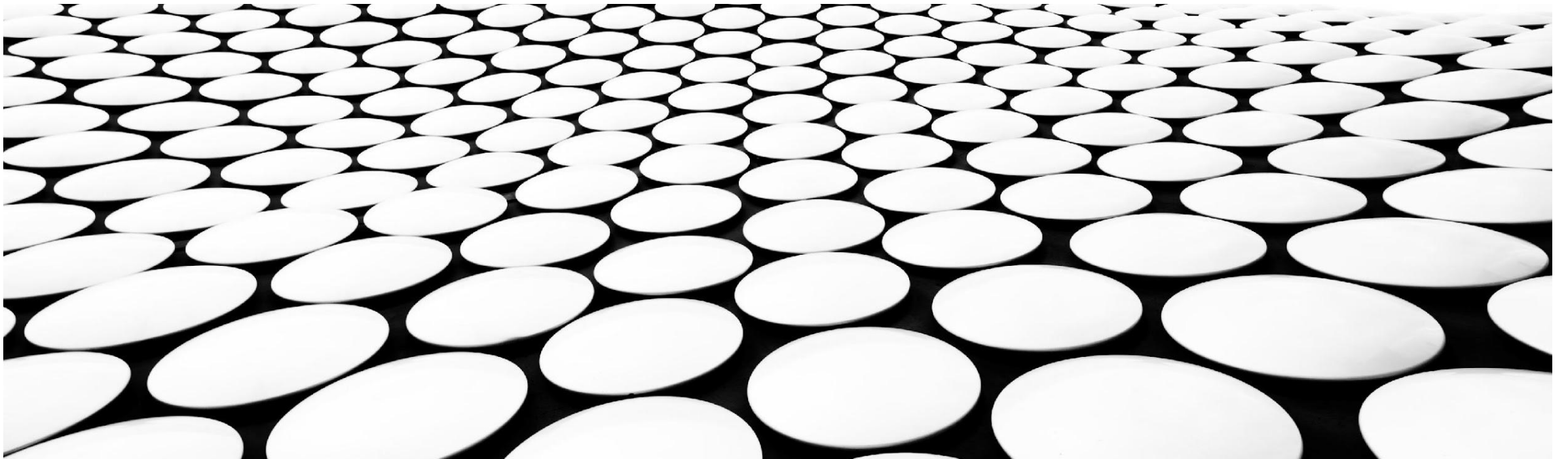

ADVANCED DATABASE MANAGEMENT SYSTEM

CREATED BY :

MD. FORHAD HOSSAIN



Database Administrator (DBA)

- Individual or a group, having centralized control of the database.
- Has a good understanding of database and coordinates all activities of the database.
- Functions:
 - Defines schema.
 - Defines storage structure and access metho...
 - Modification of both.
 - Granting user authority to access the database.
 - Monitoring performance and responding to changes.



Database Languages

- Once data is filled, manipulation is required (insertion, deletion, modification of data)
- For these, a set of languages is provided by DBMS:
 1. Data Definition Language.
 2. Data Manipulation Language.
 3. Data Control Language.



Cont...

1. Data Definition Language (DDL):

- Used by DB designers to define schema.
- DDL compiler converts DDL statements and generate a set of tables which are stored in.
e.g.: SQL

2. Data Manipulation Language (DML):

- For accessing and manipulating the data.
e.g.: SQL

3. Data Control Language (DCL):

- Similar to a computer programming language used to control access to data stored in a database.
- operations like:
CONNECT, SELECT, INSERT, UPDATE, DELETE, EXECUTE,
and USAGE.
e.g.: SQL



Thank You!

