

## **Ch 8. Database - An Introduction - Online class 20 (30.11.20)**

### **1. Database**

systematic collection of data is called database

### **2. What are the possible things in the database?**

- ◆ Store data securely
- ◆ Add new data
- ◆ Remove unwanted data
- ◆ Take and use data as needed
- ◆ Make suitable changes

### **3. Data Base Management System (DBMS)**

A software that makes it convenient to do activities like storing of data, addition of data, making changes, etc with a database is called a Data Base Management System (DBMS)

Eg. MySQL, Microsoft SQL Server, Oracle, Libre office Base,  
Microsoft access

### **4. The language used in DBMS - Structured Query Language (SQL)**

### **5. System analysis**

The process of studying the field of computerisation in detail and learning about the ongoing work there, is known as System Analysis

### **6. Fields, Records**

Each column of the table in the database is called a field

Eg. Name, Age, Address

Each line in the table in the database is called a record

Eg. Lines begin with name

### **7. primary key**

Primary key is set to avoid the repetition of the values in a record. The database recognises the records based on the primary key. The value of the primary key in a record will be unique.



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