

**Experiment 1: Introduction to DBMS LAB**

Date: \_\_\_\_\_

Time: \_\_\_\_\_ to \_\_\_\_\_

**Pre-Lab Task:**

Define the following terms:

- Data: known facts that can be recorded and have implicit meaning.
- Information: Information is stimuli that has meaning in some context for its receiver. When information is entered into and stored in a computer, it is generally referred to as data.
- Database: A collection of related data
- Metadata: Metadata is the data (details/schema) of any other data. simply, data about data.
- Data Administrator: Person in the organization who controls the data of the database refers data administrator.
- Database Administrator: Responsible for authorizing access to the database, for coordinating and monitoring its use, acquiring software and hardware resources, controlling its use and monitoring efficiency of operations. i.e. A person who has central control over the system
- Database Management System: It is a software used for creating and manipulating data

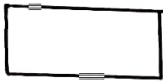
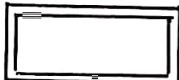

Post Lab Task:

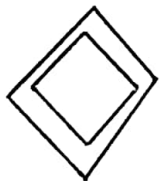



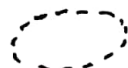
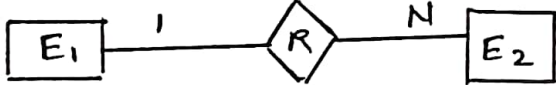
- Install TerraER Tool.

1) goto google and type download TerraER

2) Then click on ~~et~~ link and you will redirected to download

- components and its symbols in ER Diagrams.

Symbol	Meaning
	Entity
	Weak Entity
	Relationship

Symbol	Meaning
	Identifying Relationship
	Attribute
	Key Attribute
	Multivalued Attribute
	Derived Attribute
	Cardinality Ratio 1:N for $E_1:E_2$ in R

(For Evaluator's use only)

<u>Comment of the Evaluator (if Any)</u>	<u>Evaluator's Observation</u>
	Marks Secured: _____ out of _____ Full
	Name of the Evaluator:
	Signature of the Evaluator Date of Evaluation: