



VASANTDADA PATIL PRATISHTHAN'S COLLEGE OF ENGINEERING AND VISUAL ARTS

Department of Computer Engineering

Innovative Teaching Methods

Category	Details
Title of Innovative Teaching Method	Crossword Puzzle for Database and SQL Queries
Course Code/Name	CSC403/Database Management System
Class/Division	SE/B
Date	15 March 2023
Goals/Objectives of Activity	<ul style="list-style-type: none">❖ Better understanding of different commands that are used in the DBMS environment.❖ Correlating commands to their functionalities and features.❖ Improve the decision-making ability to choose a better command in a given situation.
Description of Activity	<ul style="list-style-type: none">❖ DBMS consists of a large number of commands and each command has several features and uses in different situations.❖ In order to better remember and understand the functionalities and features of the commands, around 40 different commands were made into a crossword puzzle.❖ This will aid the students to correlate commands to their functionalities and also help them improve their decision-making ability in order to

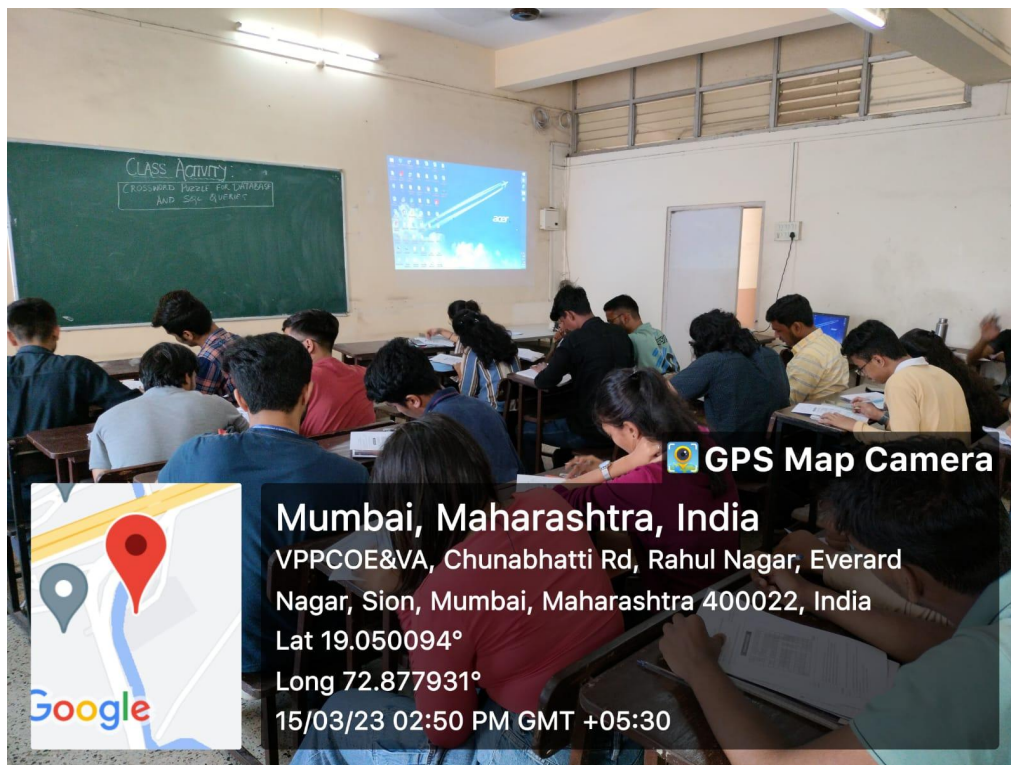


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	<p>choose a certain command in a given situation.</p> <ul style="list-style-type: none">❖ Students solved the Crossword Puzzle for Database and SQL Queries individually.
Outcomes	<ul style="list-style-type: none">❖ Students have understood the basic concept of a database management system.❖ The students should be able to correlate commands to their functionalities and also help them improve their decision-making ability in order to choose a certain command in a given situation.

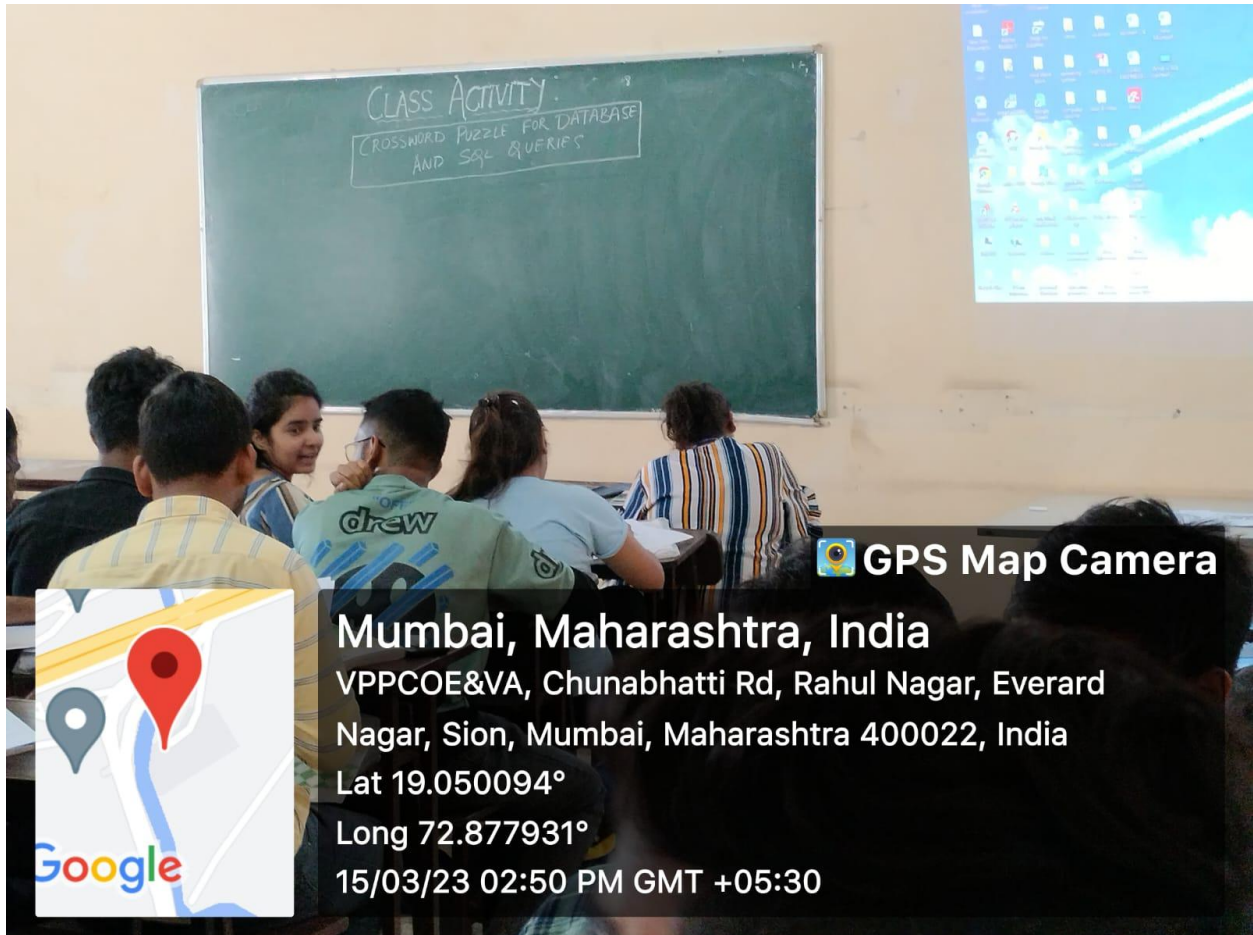
Glimpses of Activity:





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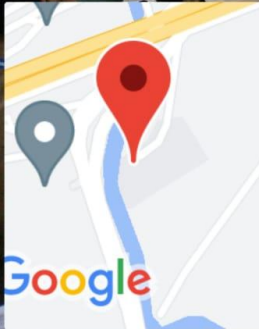
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Class Activity

Crossword Puzzle for Database and SQL Queries

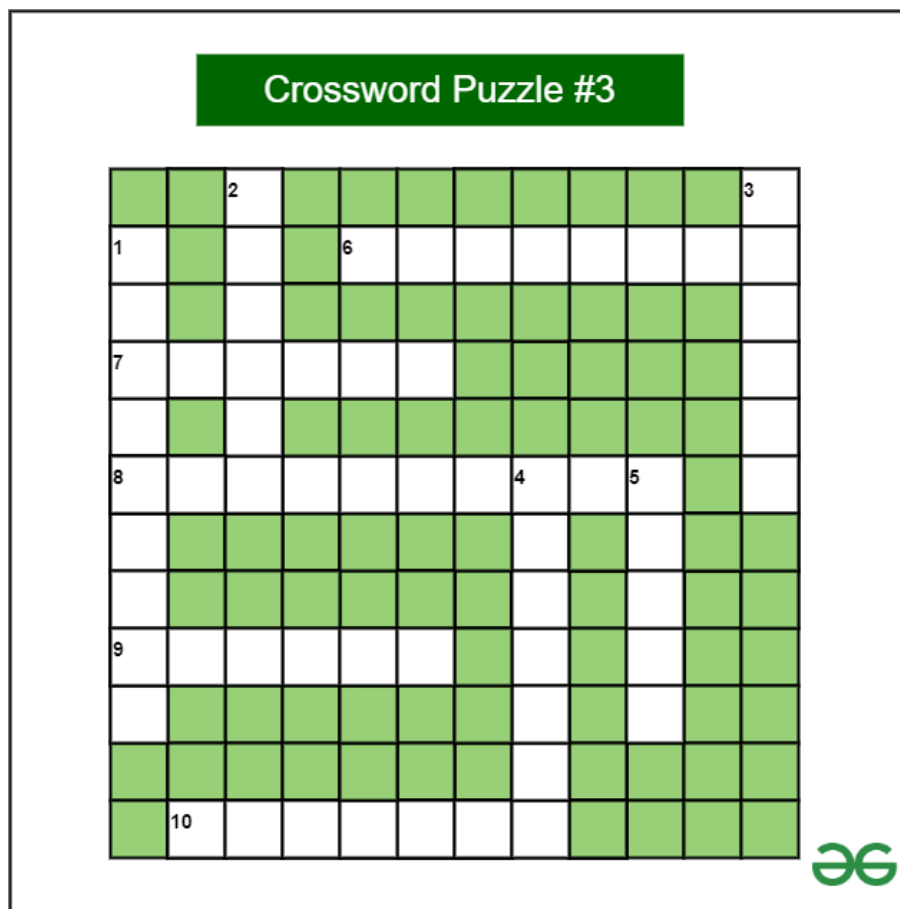
Subject: - Database Management System (CSC403)

Class:- SE-B

Date: 15 March 2023

College VID: _____ Name: _____

In this Crossword Puzzle, we will divide into the topics of Database and Queries.



HINTS:

DOWN:

1. _____ give a logical structure of the database graphically?
2. _____ is the SQL command that is used for storing changes performed by a transaction.
3. _____ withdraw users' access privileges given by using the GRANT command?
4. _____ means that multiple operations can be grouped into a single logical entity.
5. _____ key identifies each tuple uniquely in the given relation.



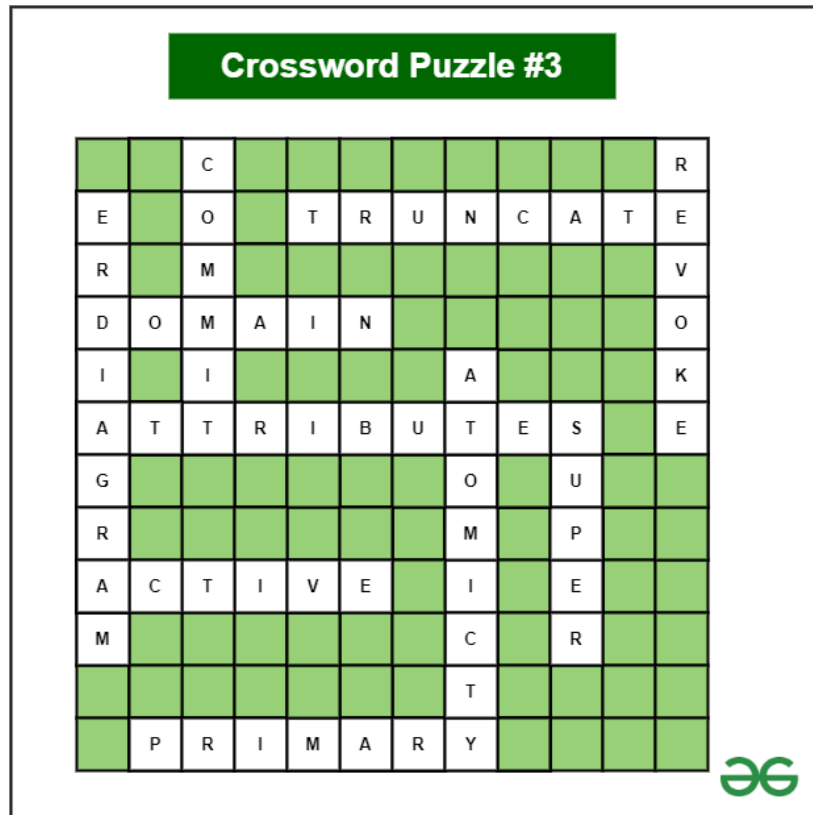
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ACROSS:

- _____ removes all records from a table, including all spaces allocated for the records are removed.
- _____ are data types definitions that resolves to a primitive data type.
- _____ are changeable property or characteristics of some component of a program that can be set to different values.
- _____ state is first state in the life cycle of a transaction.
- A _____ Key is basically a Column or Columns.

Solution for Crossword Puzzle:



Answers:

DOWN:

- ER DIAGRAM
- COMMIT
- REVOKE
- ATOMICITY
- SUPER

ACROSS:

- TRUNCATE
- DOMAIN
- ATTRIBUTES
- ACTIVE
- PRIMARY