DBT

Total points   27/40   ?

Email *

vwable49@gmail.com

Name *

Vaibhav Wable

PRN *

220960520079

✗   _____ is an Object- Relational Database Management System. *   0/1

○ PostgreSQL

○ HBase

○ Oracle

⦿ MySQL   ✗

Correct answer

⦿ PostgreSQL

✓ Which of the following MySQL command modifies the content of data records in a table?

○ ALTER

○ MODIFY

○ CHANGE

◉ UPDATE

✗ _____ is a type of database which is represented as a collection of "relations" where each relation is represented by two-dimensional table.

◉ Object-relational database

○ Relational database

○ NoSQL database

○ Network database

Correct answer

◉ Relational database

✓ Which of the following MySQL command shows the structure of a table? * /1

○ INFO table;

○ SHOW table;

○ STRUCTURE table;

◉ DESCRIBE table;

✓ Which of the following falls under the categories of SQL Commands * /1

○ CREATE, ALTER, DROP, TRUNCATE

○ SELECT, INSERT, UPDATE, DELETE

◉ DDL, DML, DCL, TCL

○ None of the above

✗ In a 3NF input relation, if the dependency of an attribute of a multi attribute key on an attribute of another overlapping multi-attribute key is removed, the output relation is in____ /1

◉ 2NF

○ 4NF

○ 5NF

○ BCNF

Correct answer

◉ BCNF

✗ Anomalies may occur in the database if insertion, deletion, modification etc. are not done properly. It creates inconsistency and unreliability in the database. The process used to overcome these anomalies is known as _____

○ Query processing

○ Denormalization

○ Normalization

⦿ Query Optimization

Correct answer

⦿ Normalization

✓ The maximum length of the char columns is _____ *

⦿ 255 bytes

○ 65535 bytes

○ 256 bytes

○ None of the Above

✓ **What does the following SQL statement return?** *

SELECT * FROM Student WHERE StudentName LIKE 's%'

○ It returns from the Student table where the value in the StudentName column doesn't have an "s".

○ It returns from the Student table where the value in the StudentName column has an "s".

○ It returns from the Student table where the value in the StudentName column ends with "s".

◉ It returns from the Student table where the value in the StudentName column starts with "s".

✓ **If you need to get records of a table named Food, arranged in ascending order of food names, which query will work?**

○ SELECT * FROM Food GROUP BY name

◉ SELECT * FROM Food ORDER BY name

○ SELECT * FROM Food ORDER TABLE by name

○ SELECT * FROM Food FILTER BY name

✓ **What does a RIGHT JOIN ensure? ***

○ That only records from the rightmost table will be displayed

○ That no records from the rightmost table are displayed if the records don't have corresponding records in the left table.

○ That records from the rightmost table will be displayed only if the records have a corresponding value in the leftmost table.

◉ That all records from the rightmost table are represented in the result, even if there are no corresponding records in the left table.

✗ **In relational algebra, which operation is used to select a subset of columns from relation?**

◉ Selection

○ Projection

○ Cross-product

○ Union

Correct answer

◉ Projection

✓ Which of the following contains more than one table in the top-level FROM clause of the SELECT statement?

○ Join view

○ Datable join view

◉ Updatable join view

○ All of the mentioned

✓ Inside a transaction, several operations need to be performed. What would you do if an exception happens during that transaction?

○ UNDO

○ UNCOMMIT

◉ ROLLBACK

○ REVERSE

✓ When you have a subquery inside a main query, which query is executed first?

○ The subquery is never executed. Only the main query is executed.

○ They are executed at the same time

◉ The subquery

○ The main query

✓ What is true about index? *

○ Indexes are special lookup tables that the database search engine can use to speed up data retrieval. (selected)

○ Indexes are special lookup tables that the database search engine can use to speed up data deletion.

○ Indexes can be created or dropped with an effect on the data

○ An index helps to speed up insert statement.

✓ _____ is the MySQL component that handles the SQL operations for different table types.

○ Query cache

○ Parser

○ Optimizer

○ Storage Engine (selected)

✓ Explain the security aspect of stored procedures *

○ Stored procedures are not secure, because they can be executed from the command line.

○ Stored procedures are not secure, because they can execute statements to drop tables or bulk delete data.

○ Stored procedures are secure, because applications can be given access to stored procedures and not any underlying tables. (selected)

○ None of the above

✓ Which choice is not a valid model for a stored procedure parameter? * /1

○ IN OUT

○ IN

○ OUT

○ None

✗ Which statement is used to create a loop within a stored procedure in MySQL? /1

○ CURSOR.

○ WHILE

○ FOR

⦿ LOOP

Correct answer

⦿ WHILE

✓ What is the MySQL query to list the available tables in a database? * /1

○ SELECT table_name FROM information_schema.tables;

⦿ SHOW TABLES;

○ LIST TABLES;

○ DESCRIBE TABLES;

✓ Which statement is used to exit a loop within a stored procedure in MySQL?

◉ LEAVE

○ EXIT

○ BREAK

○ RETURN

✓ Which MySQL function is used to add a specified time value to a datetime expression?

○ DATE_SUB()

◉ TIMESTAMPADD()

○ DATE_ADD()

○ TIMESTAMPDIFF()

✗ What is the syntax of a simple WHILE loop in a stored procedure in MySQL?

◉ WHILE (condition) DO statement;

○ REPEAT statement UNTIL condition;

○ LOOP statement; UNTIL condition;

○ BEGIN statement; WHILE condition DO;

Correct answer

◉ BEGIN statement; WHILE condition DO;

✗ Which type of cursor is case-sensitive when comparing values? *

○ INSENSITIVE

○ SENSITIVE

◉ READ ONLY

○ SCROLLABLE

Correct answer

◉ SENSITIVE

✕   Which type of cursor is the default cursor type in MySQL *

○   INSENSITIVE

◉   SENSITIVE

○   READ ONLY

○   SCROLLABLE

Correct answer

◉   INSENSITIVE

✕   What is "def" in the following MySQL statement?   *
     CREATE TRIGGER abc (...) (...) ON def FOR EACH ROW ghi;

○   Trigger Name

○   Table Name

◉   Trigger Statement

○   Update Statement

Correct answer

◉   Table Name

✗ Which of the following specifies when the trigger will be executed? *

○ BEFORE

◉ INSTEAD OF

○ AFTER

○ All of the above

Correct answer

◉ All of the above

✓ Which of the following does not support triggers? *

◉ Views

○ Insert

○ Delete

○ Update

✓ What happens after an exception handler runs? *

○ Control transfers to the last statement of the current block

◉ Control transfers to the next statement of the enclosing block

○ Can't predict

○ The program exits

✗ Which of the following function gives the error code of the recently
   occurred exception?

○ SQLERRCODE

○ SQLCODE

○ SQLERROR

◉ ERRCODE

Correct answer

◉ SQLCODE

✓ What are the types of exceptions? *

◉ User-defined exceptions and pre-defined exceptions

○ Errors and Exceptions

○ Run-time error

○ None of the above

✓ Which of the following is true about MongoDB? *

○ MongoDB is a cross-platform database

○ Document oriented database

○ High performance database

◉ All of the mentioned above

2/10/23, 2:54 PM DBT

✓ A record in MongoDB is known as a _____ *

○ Document

○ Records collection

○ Application

○ None of the above

✓ Transaction data of the Banking System is a type of _____. *

○ Unstructured

● Structured

○ Semi-structured

○ None of the above

✓ In MongoDB, which of the following query selects all documents in the records collection that match the condition {user_id less than 10} and not displaying history field in the document?

○ db.records.findOne({ "user_id": { $lt: 10 } }, { "history": 0 })

● db.records.find({ "user_id": { $lt: 10 } }, { "history": 0 })

○ db.records.findOne({ "user_id": { $lt: 10 } }, { "history": 1 })

○ db.records.select({ "user_id": { $lt: 10 } }, { "history": 0 })

✓ **Which of the following is a wide-column store? ***

◉ Cassandra

○ MongoDB

○ Riak

○ Redis

✗ **MongoDB process collection of documents using _____ operations. ***

◉ Hbase

○ Hive

○ Map-reduce

○ None of the mentioned

Correct answer

◉ Map-reduce

✓ **In which of the following, format MongoDB represents document structure?**

○ .txt

◉ BSON

○ .Docx

○ None

✓ **MongoDB also supports user-defined indexes on multiple fields called** _____ * 1/1

◉ Compound ✓

○ Composite

○ Candidate

○ None of the above

This content is neither created nor endorsed by Google. - Terms of Service - Privacy Policy

Google Forms