**Task 01**

**Topic : Using MySQL Workbench Software or HediSQL Software to create a table in the database.**

**This video explains how to create a database using MySQL Workbench software or HeidiSQL software and create tables using that database.**

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**Task 02**

**Topic :Using MySQL Workbench Software with ER Diagram to create a database and table.**

**This video explains how to create a database using either MySQL Workbench or HeidiSQL software and how to create tables using these databases and how to create a database in case of data redundancy.**

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**Task 03**

**Topic : Using MySQL Workbench software to create a table with a database and a table using the ER Diagram and create relationships between creating tables. (One-to-many)**

**This video explains how to create a database using the MySQL Workbench software and create tables using customized databases, and how to create a relationship between tables in a database.**

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**Task 04**

**Topic : Using MySQL Workbench software to create a table with a database and a table using the ER Diagram and create relationships between creating tables. (Many-to-Many)**

**This video explains how to create a database using the MySQL Workbench software and create tables using customized databases, and how to create a relationship between tables in a database, and how to represent one of the tables in an opportunistic database with a Many-to-Many Relationship.**

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**Task 05**

**Topic : Create a database with MySQL Workbench software or HeidiSQL software and insert data using the Insert Query Statement into the table of the database that created and created the table.**

**This video explains how to create a database using MySQL Workbench software or HeidiSQL software and create tables using customized databases. The Insert Query Statement is used to insert data into the tables in the database, and how to write an insert query.**

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**Task 06**

**Topic :Create a database with MySQL Workbench software or HeidiSQL software and use the Insert Query Statement to insert data into the table in the created database and modify the entered data.**

**This video explains how to create a database using MySQL Workbench software or HeidiSQL software and create tables using customized databases. The Graphical method is used to insert data into the tables in the database, and how to write an Update Query Statement to change the data in the database.**

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**Task 07**

**Topic : Using MySQL Workbench Software or HeidiSQL Software to create a Database and Table and insert data from the Insert Query Statement into the table of the created database and use Delete Query Statement to remove the entered data.**

**This video explains how to create a database using MySQL Workbench software or HeidiSQL software and create tables using customized databases. The Graphical method is used to insert data into the tables in the database, and how to write a Delete Query Statement to remove data from a database.**

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**Task 08**

**Topic : Using MySQL Workbench Software or HeidiSQL Software to create a database and table and graphically add data to the table in the created database and use Search Query Statement to find the entered data.**

**This video explains how to create a database using MySQL Workbench software or HeidiSQL software and create tables using that customized database. The Graphical method is used to insert data into the tables in the database, and how to write a Search Query Statement to search for data in a database.**

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**Task 09**

**Topic : Using the MySQL Workbench Software or HeidiSQL Software to create a database and table and graphically add data to the table in the created database and use the WHERE Clause to write the Search Query Statement to search for the entered data.**

**This video explains how to create a database using MySQL Workbench software or HeidiSQL software and create tables using that customized database. Graphically uses the method to insert data into the tables in the database, and several other ways to write a search query statement to find the data in a database.**

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**Task 10**

**Topic : Create a Database and Table using MySQL Workbench Software or HeidiSQL Software. Graphically insert data into the table in the created database. Create a Join Query to connect to tables using entered data tables and search data using created tables.**

**This video explains how to create a database using MySQL Workbench software and create tables using that customized database, and how to use the Workbench software to mark the relationship between the tables in the database. Graphically uses the method to insert data into the tables in the database, and how to write a Search Query Statement to find the data in a database, and how to write a Join Query Statement to connect to a table.**

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**Task 11**

**Topic : Explain how to create a table for storing employee information as mentioned in the problem when creating an ER diagram related to a given problem using the MySQL Workbench software.**

**Here we are going to describe the MySQL Workbench Software and explain how to correctly design a problem using the ER Diagram. The diagram also explains how to create a user table.**

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**Task 12**

**Topic : Explain how to create a table for storing customer and supplier information as mentioned in the problem when creating an ER diagram related to a given problem using MySQL Workbench software.**

**Here we are going to explain how to correctly create an ER Diagram using the MySQL Workbench software for a given problem and how to create a Customer Table and Supplier Table in the ER Diagram.**

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**Task 13**

**Topic : Explain how to create a table for storing information on products and suppliers' bills and items purchased from suppliers as described in the problem when creating an ER diagram using a MySQL Workbench software.**

**Here we are going to explain how to correctly create an ER Diagram using the MySQL Workbench software for a given question and how to create a product table, grn table, stock table in the ER Diagram.**

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**Task 14**

**Topic : Explain how to create an ER diagram for a given problem using the MySQL Workbench software and create a table to store the information on the sold product items as mentioned in the problem.**

**This video explains how to correctly create an ER Diagram with a problem using the MySQL Workbench software. The ER Diagram also explains how to create an invoice table to store information on bills issued by the cashier to the customer.**

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**Task 15**

**Topic : Explain how to create a Relationship from the tables created as mentioned in the problem when creating an ER Diagram related to a given problem using the MySQL Workbench software.**

**Here we are going to explain how to correctly create an ER Diagram using the MySQL Workbench software for a given problem and how to create Relationships between Tables in the final ER Diagram.**

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**Task 16**

**Topic : Explain how to create a Normalized Database table as mentioned in the problem when creating an ER diagram related to a given problem using MySQL Workbench software.**

**Here we are going to explain how to create a Normalized ER Diagram using MySQL Workbench software and how to create Tables in ER Diagrams correctly for a given problem.**

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**Task 17**

**Topic : Explain how to create a relationship between the tables in a normalized database created as mentioned in the problem when creating an ER diagram related to a given problem using the MySQL Workbench software.**

**Here we are going to explain how to correctly create a Normalized ER Diagram for a given problem and how to create a relationship between the tables in the ER Diagram created.**

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**Task 18**

**Topic : Explain how to create a database using Froward Engineering and graphically add data to the tables to the ER Diagram created for a problem.**

**Here we are going to explain how to describe and explain how to correctly create a normalized ER diagram for a given problem and how to graphically design the ER diagram created by forward engineering and how to insert data into tables.**

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**Task 19**

**Topic : Explain how to use query statement to enter data, modify data, delete data, search data.**

**This video explains how to write Data Insert, Update, Search Query Statement for a given problem and how to write a Join Query to Table Join.**

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**Task 20**

**Topic : Explain how to use SQL Functions such as maximum value, minimum value, data row count using the given data.**

**This video describes how to write a Query Statement for a given problem, a Query Statement to use for a Min Function and a Join Query to use to connect to a table.**

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**Task 21**

**Topic : Explain how to use SQL Functions and sub query such as maximum value and minimum value using the given data.**

**This video explains how to write a Query Statement used for the Max Function and Create a Sub Query to connect to a table.**

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**Task 22**

**Topic : Explain how to use the JOIN keyword to join data storage, tables and how to search for data using joined tables.**

**The video explains how to write a query statement used to search for data for a given problem and also describes an inner join query used to connect to a table.**

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**Task 23**

**Topic : Explain how to use Sub Query to search for data in data storage tables.**

**The video explains how to write a query statement used to search for data given a problem and write an Inner Join Query and Sub Query used to connect to a table.**

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**Task 24**

**Topic : Explain how to search for data by Sub Query and JOIN uses the data in the stored tables and how to arrange the result in ascending and descending order and how to use the BETWEEN keyword.**

**This video will show you how to write the query statement used to search for data and set the order of the results ascending and descending. It also describes the keyword between**

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**Task 25**

**Topic : Explain how to use the Average SQL Functions using the data in the Database Tables.**

**The video demonstrates how to design the query statement needed to calculate the average and how to use Join Query and Sub Query to create a table link.**

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**Task 26**

**Topic : Explain how to use the data usage SUM SQL Functions in Database Tables.**

**The video explains how to write the query statement used to find the data sum for a given problem and also describes an inner join query and a sub query used to link the tables.**

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**Task 27**

**Topic : Explain how to use COUNT SQL Functions and INNER JOIN use the data in the Database Tables.**

**This video shows how to build a query statement for a function that counts rows for a given problem, describes a join query that connects tables, and explains how the BETWEEN keyword is used.**

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**Task 28**

**Topic : Explain how to use MAX SQL Functions and INNER JOIN use the data in the Database Tables.**

**This video aims to explain how to write the query statement used for the max function for a given problem and the join query used to link to the tables.**

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**Task 29**

**Topic : Explain how to use ROUND, MIN, AVG SQL Functions and INNER JOIN uses the data in the Database Tables.**

**The video will explain how to write a query statement used for round, min, and avg functions for a given problem and the sub query to link to tables.**

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**Task 30**

**Topic : Explain how to use the INNER JOIN with CHAR\_LENGTH, CONCAT, UPPER, LOWER, AVG SQL Functions using the data in the Database Tables.**

**This problem describes how to write the query statement used for CHAR\_LENGTH, CONCAT, UPPER, LOWER, and AVG SQL functions and the inner join query used to join tables.**

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**Task 31**

**Topic : Explain uses MySQL Workbench Software or HeidiSQL Software how to create the tables required to store the details of the users who use the software while creating the Inventory Control software.**

**The video describes how to draw an ER diagram to create user tables required to store the details of the users who use the software when creating a software.**

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**Task 32**

**Topic : Explaining how to draw ER Diagram using MySQL Workbench software to create a table for storing information about billing issued by suppliers, billing information issued to customers, store stock details when creating an Inventory Control software.**

**The video describes how to draw the product table and other relevant tables in the ER Diagram to store details of products supplied by suppliers and details of products sold.**

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**Task 33**

**Topic : Explain the relationship between tables created for storing data in Inventory Control software using MySQL Workbench software.**

**This video explains how to draw Relationships between tables created to store data in software using MySQL Workbench software.**

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**Task 34**

**Topic : Create an Insert Query Statement to enter data into tables created to store the details of the users who use the software when creating Inventory Control software.**

**This video explains how to create databases using forward engineering in the previously created ER Diagram and how to write insert query statements required to insert data into user tables.**

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**Task 35**

**Topic : When creating an Inventory Control software, create an Insert Query Statement, which is required to enter data into tables created to store bill information provided by suppliers, bill information issued to customers, and store stock information.**

**This video explains how to write insert query statements required to insert data into brand, product, grn, grn\_item, stock, invoice, and invoice\_item tables.**

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**Task 36**

**Topic : Create SQL View Query to suit the given requirements..**

**This video explains how to write the query statement used to create a SQL view.**

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**Task 37**

**Topic : Create a query to modify a pre-created SQL View.**

**The video explains how to write a query statement used to change a previously created SQL view.**

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**Task 38**

**Topic : Create a query to remove a pre-created SQL View.**

**This video explains how to write the query statement used to remove a previously created SQL view.**

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**Task 39**

**Topic : Explain how to create a Relational Algebra Query using Select Operation related to a given need.**

**This video explains how to write a relational algebra query using the relational algebra operator used in select operation for a given problem.**

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**Task 40**

**Topic : Explain how to create a Relational Algebra Query using Project Operation related to a given need.**

**This video explains how to write the relational algebra query used to select the desired column in the given table.**

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**Task 41**

**Topic : Explain how to create a Relational Algebra Query using Rename Operation related to a given need.**

**This video aims to illustrate how to write a relational algebra query using the relational algebra operator used in the rename operation for a given problem.**

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**Task 42**

**Topic : Explain how to create a Relational Algebra Query using a Cartesian product related to a given need.**

**This video explains how to write a relational algebra query using the relational algebra operator used in a cartesian product operation for a given problem.**

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**Task 43**

**Topic : Explain how to create a Relational Algebra Query and a Relational Algebra Query related to a given query using Select Product related to a given need.**

**This video explains how to write a relational algebra query using a relational algebra operator that fits a given problem and how to write a relational algebra query that fits a given SQL query.**

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**Task 44**

**Topic : Create a database with DDL Query and explain how to create a table using the created database.**

**This video explains how to create a database and table using the ddl query for a given problem.**

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**Task 45**

**Topic : Explain how to create a table with foreign key using DDL Query.**

**This video explains how to write a DDL query to create a table with a foreign key for a given problem.**

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**Task 46**

**Topic : Explain how to insert data into tables created using DDL Query.**

**This video explains how to write a DML query used to insert data into a table created for a given problem.**

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**Task 47**

**Topic : Explain how to insert a new column with a DDL query and how to insert data into a created table.**

**This video explains how to write the DDL query used to insert a new column into a table created for a given problem and the DML query used to insert data.**

**#mySQL #Navicat #mySQL\_Workbench #dbms #HeidiSQL #Data\_Definition\_Language\_Query #ddl\_query #Data\_Manipulation\_Language\_Query #dml\_query**

**Task 48**

**Topic : Create a query statement relevant to updating, searching and creating a view of the data in the tables in the database.**

**This video explains how to write a DML query to update data and search data using the created table and also how to create a SQL view.**

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**Task 49**

**Topic : Explain the DDL Query used to back up the created database.**

**This video explains how to use the mysql command line client to backup the created database.**

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**Task 50**

**Topic : Using MySQL Workbench Software or HediSQL Software to create a table in the database.**

**This video explains how to use the mysql command line client to restore a backed up database.**

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