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| --- |
| Close-up image showing the leaf-sides of two oversized books side-by-side on a bookshelf, with additional books in soft focus background |
| MySQL Tasks  BY KATY |
| |  |  |  | | --- | --- | --- | | Katy | 3/10/23 | IT DATA TECHNICHIAN | |

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# Download and import create-databases sql script into mysql workbench. run the script and create databases.

A screenshot of a computer

Description automatically generated

Graphical user interface, application, Word

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Text

Description automatically generatedDon’t forget to refresh the Schemas!

# TASK 1

Using the Query 2 you created change the points to read times by 10 and plus 100. Record your results in your word document.

SELECT last\_name, first\_name, points, points \* 10 + 100

Graphical user interface

Description automatically generatedFROM CUSTOMERS;

Change the Query 2 code to create a discount factor so the table now shows a discount header and changing the (points + 10) \*100.​

SELECT last\_name, first\_name, points, (points + 10)\*100 as 'discount\_factor'FROM CUSTOMERS;

Graphical user interface

Description automatically generated

# TASK 2

Write a SQL query to return all the products in our database in the result set. I want you to show columns; name, unit price, and new column called new price which is based on this expression, (unit price \* 1.1 ).​

SELECT \* FROM PRODUCTS;

Graphical user interface, text, email

Description automatically generated

SELECT name, unit\_price FROM products;

Graphical user interface, text, application

Description automatically generated

USE sql\_store;SELECT name, unit\_price, unit\_price \* 1.1 as 'new\_price'

FROM PRODUCTS;

Graphical user interface

Description automatically generated with medium confidence

# TASK 3

In this task create a new query to find all the customers with a birth date of > '1990-01-01'

SELECT \*

FROM CUSTOMERS

WHERE birth\_date >"1990-01-01";

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# TASK 4

**Select sql\_inventory.**

USE sql\_inventory;



**Write a query to find out the name of the product with most amount in stock.**

SELECT name, quantity\_in\_stock  
FROM products  
order by quantity\_in\_stock desc  
limit 1;

Graphical user interface, text, application

Description automatically generated

# TASK 5

**Write a query to find out the name of the most expensive product.​**

SELECT name, unit\_price

Graphical user interface, text, application

Description automatically generatedFROM products

order by unit\_price desc

limit 1;

# TASK 6

**Select sql\_store.**



Graphical user interface, application

Description automatically generated**Write a query to find out the first name, last name, address and the birthdate of the oldest customer.**

SELECT first\_name, last\_name, address, birth\_date

FROM CUSTOMERS

order by birth\_date asc

limit 1;

# CREATING AN EER DIAGRAM

A picture containing table

Description automatically generated