2nd Semester, AY 2021-2022

**IT 6203- Database Management System II**

**Activity**

1. Create a view that shows you the products of one company.

Must have these columns:

* Product Name,
* Price,
* average ratings,
* count of reviews.

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| --- Output >> Double Click the icon to open sql code (need editor like Visual Studio Code etc.) |

1. Create a view that sums the cart of a single user.

Must have these columns:

* User (fullname or username or email),
* Sum of the cart

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| --- Output >> Double Click the icon to open sql code (need editor like Visual Studio Code etc.) |

1. Create a view of yearly orders of one company

Must have these columns:

* Years (2019,2020, 2021, .. )
* Count of orders in that year
* Sum of orders in that year

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| --- Output >> Double Click the icon to open sql code (need editor like Visual Studio Code etc.) |

1. Create a view that shows the new user (at least 10 days)

Must have these columns

* Id
* Username
* Email
* Date of creation

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| --- Output >> Double Click the icon to open sql code (need editor like Visual Studio Code etc.) |

1. Create a table for banned users.

Must have these columns:

* User\_id
* Date\_banned
* Date\_until\_unban

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| --- Output >> Double Click the icon to open sql code (need editor like Visual Studio Code etc.) |

1. Generate a view that shows the discounted (sale) products in order to higher to lower.

Must have :

* Product\_name
* Sale (discount)
* Original price
* Discounted price

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| --- Output >> Double Click the icon to open sql code (need editor like Visual Studio Code etc.) |

1. Create a Query that deletes users that has username of special characters.

* Delete a user if a user name has these character [“!”, “@”, “$”, “%”]

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| --- Output >> Double Click the icon to open sql code (need editor like Visual Studio Code etc.) |

1. Create a view that shows the cart

Must have these columns:

User\_ID

User\_Fullname

Product\_ID

Product\_Name

Product\_Price

Product\_Discount

Product\_Original\_Price

Product\_Discounted\_Price

Product\_Vendor\_ID

Product\_Vendor\_Name

Quantity

Subtotal (discounted price \* quantity)

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| --- Output >> Double Click the icon to open sql code (need editor like Visual Studio Code etc.) |