

1. Create the following tables with necessary constraints.
  - a) **Item table** - has information about item identity, its name and rate.

<u>Item id</u>	Name	Rate	Quantity Available	safe_stock
SU01	Abc	150.00	40	15
DA01	Dfdf	85.00	62	25
SU02	Abd	163.00	25	10

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- b) **Bill table** – has information about the bills. For each bill no. there may more than one item purchased detail:

<u>Bill no.</u>	<u>Item id</u>	Quantity	Price
10021	SU01	2	300.00
10021	SU02	1	163.00
10022	SU02	1	150.00

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- c) **Total\_Sales table** holds the total purchase price of each bill.

<u>Bill no.</u>	Total Price
10021	<b>463.00</b>

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2. **Populate** the **items (min. 5 recs.)** and **Bills (min. 10 recs.)** tables, except the price column of Bill.
3. **Display** the item id, available quantity and safe-stock of each item.
4. **Write a procedure** to compute and update the **price** column of Bill for the user given **billno** and **Item\_id**.
5. **Write a function** to display the total-amount of Bill table.
6. **Create a trigger** to check if **Quantity Available – Quantity** is greater than or equal to **safe\_stock** of Item table *whenever an item is to be billed*. If the difference is less than the **safe\_stock** than raise an alarm message to make an order for that item, otherwise insert that to the table.
7. **List** the item names that occur more than once in the **Bill** table.
8. **Populate** the **Total\_Sales** table from **Bill** table using any suitable concept of your DB developer.
9. **Display** the discount amount (discount : 2% of bill amount) of a bill if the price-amount of the bill exceeds Rs.1000.
10. **Display** the item names of the bills, for the bills that have total amount greater than 750.