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| **Sr.No** | **Task Title** |
| **1** | **Create Database Table with following requirements and solve questions**   |  |  |  | | --- | --- | --- | | **Table Name** | **Cart** | | | **Column Name** | **Datatype** | **Constraint** | | Id | INT | PRIMARY KEY | | date | DATE | NOT NULL | | Item\_name | VARCHAR(20) | NOT NULL | | price | DECIMAL(10,2) | DEFAULT 0 | | qtys | INT | DEFAULT 1 | | discount | DECIMAL(10,2) | DEFAULT 0.05 | | bill\_amount | DECIMAL(10,2) | GENERATED ALWAYS AS **(**(price-(price\*discount))\*qtys**)** |   Q1. Write SQL query to Create given table?  Q2. Insert 5 rows into Cart Table for the columns id, date, item\_name, price, qtys and discount.  Q3. Insert 2 rows into Cart Table for the columns id, date, item\_name, price.  Q4. Fetch Cart rows whose bill\_amount is between 600 to 1200.  Q5. Fetch Cart rows whose qtys are more than 10  Q6. Fetch Cart rows whose item\_name begins with ‘S’  Q7. Fetch Cart rows whose price is less than 1000 but qtys more than 5  Q8. Print grand total of all cart items without discount  Q9. Fetch Cart rows for the Old date;  Q10. Print Max bill\_amount and Min bill\_amount subtracting discount. |
| **2** | **Create Database Table with following requirements and solve questions**   |  |  |  | | --- | --- | --- | | **Table Name** | **Movie** | | | **Column Name** | **Datatype** | **Constraint** | | id | INT | PRIMARY KEY | | movie\_name | VARCHAR(100) | NOT NULL | | rating | INT | DEFAULT 1 | | date | DATE | DEFAULT TODAY() | | ticket\_cost | DECIMAL(10,2) | NOT NULL |   Q1. Write SQL query to Create given table?  Q2. Write SQL query to Insert 5 movies in all columns  Q3. Fetch movies whose name contain letter ‘A’ or ‘M’  Q4. Fetch movies whose rating is least minimum  Q5. Fetch movies whose cost is at higher end. |