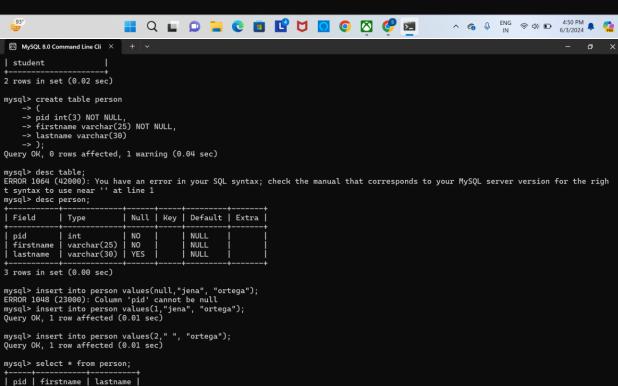
topic: SQL constraints and aggregate functions (classwork) Name: Sanika M. Sarang MySQL 8.0 Command Line Cli X owners. Type 'help;' or '\h' for help. Type '\c' to clear the current input statement. mysql> show databases -> show databases;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'show databases' at line 2 mysql> show databases; Database acpatildb employee information_schema mysql performance_schema sakila sys world 8 rows in set (0.02 sec) mysql> use acpatildb; mysql> use acceptanced

Database changed
mysql> dhow tables;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right
t syntax to use near 'dhow tables' at line 1
mysql> show tables; | Tables_in_acpatildb | marksheet student 2 rows in set (0.02 sec) 🔡 Q 🝙 🔎 🖫 🥲 🖪 🚅 🧡 👩 🌀 🖄 🥩 🗷 student 2 rows in set (0.02 sec)



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93°

topic: SQL constraints and aggregate functions (classwork) Name: Sanika M. Sarang MySQL 8.0 Command Line Cli X mysql> select * from person; pid | firstname | lastname | ortega 2 rows in set (0.00 sec) mysql> delete from person; Query OK, 2 rows affected (0.01 sec) mysql> select * from person; Empty set (0.00 sec) mysql> desc person; | Field | Type | Null | Key | Default | Extra | pid firstname int NO NULL varchar(25) NO lastname varchar(30) YES NULL 3 rows in set (0.00 sec) mysql> alter table modify column pid int(3) unique; ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'column pid int(3) unique' at line 1 mysqlv alter table person modify column pid int(3) unique; Query OK, 0 rows affected, 1 warning (0.06 sec) Records: 0 Duplicates: 0 Warnings: 1 <code>mysql></code> insert into person values(1, "jenna","ortega"); Query OK, 1 row affected (0.01 sec) mysql> insert into person values(1, "wills","ortega"); ERROR 1062 (23000): Duplicate entry '1' for key 'person.pid' 🟭 Q 🕍 🔘 🖫 🥲 🖪 💕 💆 🧿 🚳 🤣 🝠 MySQL 8.0 Command Line Cli X Query OK, 1 row affected (0.01 sec) mysql> insert into person values(1, "wills","ortega"); ERROR 1062 (23000): Duplicate entry '1' for key 'person.pid' mysql> insert into person values(2, "wills","ortega"); Query OK, 1 row affected (0.01 sec) mysql> select * from person; | firstname | lastname ortega wills 2 rows in set (0.00 sec) mysql> insert into person values(null," ", "ortega");
Query OK, 1 row affected (0.01 sec) mysql> select * from person; | firstname | lastname | ortega wills NULL ortega 3 rows in set (0.00 sec) mysql> create table teacher -> id int not null,
-> firstname varchar(50) not null, -> age int, -> check(age>=18) Query OK, 0 rows affected (0.03 sec) 🔡 Q 🖿 🗅 🚍 😉 🖺 📭 💆 🔘 🐼 🚱 🖼 93°

Name: Sanika M. Sarang topic: SQL constraints and aggregate functions (classwork)

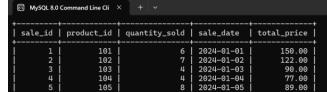
```
MySQL 8.0 Command Line Cli X
Ouerv OK. 0 rows affected (0.03 sec)
mysql> insert into teacher values(4,"ashwini",12);
ERROR 3819 (HY000): Check constraint 'teacher_chk_1' is violated.
mysql> insert into teacher values(4,"ashwini",20);
Query OK, 1 row affected (0.01 sec)
-> add check(id>0);
Query OK, 1 row affected (0.07 sec)
Records: 1 Duplicates: 0 Warnings: 0
mysql> insert into teacher values(0,"maya",20);
ERROR 3819 (HY000): Check constraint 'teacher_chk_2' is violated.
mysql> alter table teacher
-> add column city varchar(23) default 'mumbai';
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> insert into teacher values(12,"maya",20);
ERROR 1136 (21501): Column count doesn't match value count at row 1
mysql> insert into teacher values(12,"maya",20,"pune");
Query OK, 1 row affected (0.00 sec)
mysql> insert into teacher values(12,"maya",20,);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near ')' at line 1
mysql> insert into teacher values(12, "maya", 20, null);
Query OK, 1 row affected (0.01 sec)
mysql> selet * from teacher;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'selet * from teacher' at line 1
mysql> select * from teacher;
                                                                                                                                                ^ 6 0 ENG (a) (b) (b) 4:51 PM (c) (c) 6/3/2024 (c)
                                       🔡 Q 🝙 🔎 🖫 🥲 🖪 📭 🤝 👩 🚳 🤣 🗷
 MySQL 8.0 Command Line Cli X
mysql> selet * from teacher;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'selet * from teacher' at line 1
mysql> select * from teacher;
  id | firstname | age | city
          ashwini
                                      mumbai
          maya
                               20
        maya
                                      NULL
<code>mysql></code> insert into teacher(id, firstname,age) values(20,"mahi",22); Query OK, 1 row affected (0.01 sec)
mysql> select * from teacher;
 | id | firstname | age | city
          ashwini
                               20
                                      mumbai
         maya
                                      pune
NULL
  12 | maya
20 | mahi
                              20
22
                                      mumbai
 4 rows in set (0.00 sec)
mysql> CREATE TABLE Sales (
-> sale_id INT PRIMARY KEY,
                sate_id INT PRIMARY KEY,
product_id INT,
quantity_sold INT,
sale_date DATE,
total_price DECIMAL(10, 2)
      ->
Query OK, 0 rows affected (0.03 sec)
mysql> insert into sales(sales_id, product_id, quantity_sold, sale_date, total_price) values(
  93°
                                       🔡 Q 🖿 🗅 🚍 🌀 🖫 🔀 🧭 🖸 🔘 🤡 🥵
```

Name: Sanika M. Sarang topic: SQL constraints and aggregate functions (classwork) MySQL 8.0 Command Line Cli × mysql> insert into sales(sales_id, product_id, quantity_sold, sale_date, total_price) values(

->;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right t syntax to use near '' at line 1 mysql' insert into sales(sales_id, product_id, quantity_sold, sale_date, total_price) values
-> (1, 101, 6,'2024-01-01', 150.00),
-> (2, 102, 7,'2024-01-02', 122.00),
-> (3, 103, 4,'2024-01-03', 90.00),
-> (4, 104, 4,'2024-01-05', 89.00);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '' at line 6
mysql's insert into sales(sales_id, product_id, quantity_sold, sale_date, total_price) values
-> (1, 101, 6,'2024-01-01', 150.00),
-> (2, 102, 7,'2024-01-02', 122.00),
-> (3, 103, 4,'2024-01-03', 90.00),
-> (4, 104, 4,'2024-01-03', 90.00),
-> (5, 105, 8,'2024-01-05', 89.00);
ERROR 1054 (42522): Unknown column 'sales_id' in 'field list'
mysql's insert into sales(sale_id, product_id, quantity_sold, sale_date, total_price) values
-> (1, 101, 6,'2024-01-01', 150.00),
-> (2, 102, 7,'2024-01-02', 122.00),
-> (3, 103, 4,'2024-01-01', 150.00),
-> (2, 102, 7,'2024-01-03', 90.00),
-> (2, 102, 7,'2024-01-03', 90.00),
-> (3, 103, 4,'2024-01-03', 90.00),
-> (3, 103, 4,'2024-01-03', 90.00),
-> (4, 104, 4,'2024-01-03', 90.00),
-> (5, 105, 8,'2024-01-05', 89.00);
Query OK, 5 rows affected (0.01 sec)
Records: 5 Duplicates: 0 Warnings: 0 mysql> select * from sales;

Q L D = C B L V 0 0 0 X 6 B

i	 sale_id	product_id	quantity_sold	 sale_date	 total_price
+	1	101	6		 150.00
į	2	102	7	2024-01-02	122.00
l	3 4	103 104		2024-01-03 2024-01-04	90.00 77.00



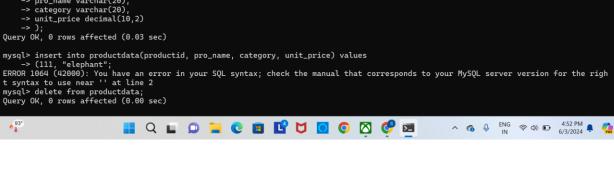
5 rows in set (0.00 sec)

Field	Type	Null	Key	Default	Extra
sale_id product_id quantity_sold sale_date total_price	int int int date decimal(10,2)	NO YES YES YES YES	PRI	NULL NULL NULL NULL	

5 rows in set (0.00 sec)

mysql> create table productdata(

-> productid int,
-> pro_name varchar(20),



topic: SQL constraints and aggregate functions (classwork) Name: Sanika M. Sarang MySQL 8.0 Command Line Cli X ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '' at line 2 mysql> delete from productdata; Query OK, 0 rows affected (0.00 sec) mysql> create table productdata(-> productid int unique, -> pro_name varchar(20) not null,
-> category varchar(20) default 'toy',
-> unit_price decimal(10,2) check(unit_price>0) ERROR 1050 (42S01): Table 'productdata' already exists mysql> create table productdata1(
-> productid int unique, -> pro_name varchar(20) not null,
-> category varchar(20) default 'toy',
-> unit_price decimal(10,2) check(unit_price>0) ->); Query OK, 0 rows affected (0.03 sec) mysql> desc productdata1; Field | Null | Key | Default | Extra | | Type productid YES UNI NULL varchar(20) NULL pro_name category | varchar(20)
unit_price | decimal(10,2) YES YES toy NULL 4 rows in set (0.00 sec) mysql> insert into productdatal(productid,pro_name,category,unit_pric mysqt Anstructure productuature productuature processes (20 and 20 and 2 ^ **© Q** ENG **© D** 4:52 PM **Q Q** (6/3/2024 **Q Q** 🟭 Q 🖿 🗅 📮 🕒 🖪 💽 💆 🔘 🐼 🤡 🖼 MySQL 8.0 Command Line Cli X mysql> select * from productdata1; | productid | pro_name | category | unit_price | 111 | baby elephant | soft 112 | remote control car | toy soft toy 300.00 2 rows in set (0.00 sec) mysql> insert into productdata1(productid, pro_name, unit_price) values(113,"barbie", 200.00); Query OK, 1 row affected (0.01 sec) mysql> select * from productdata1;

productid	pro_name	category	unit_price
112	baby elephant remote control car barbie	soft toy toy toy	220.00 300.00 200.00
+			+

mysql> select max(unit_price) from productdata1;

| max(unit_price) |





































Name: Sanika M. Sarang topic: SQL constraints and aggregate functions (classwork)

