DATABASE MANAGEMENT SYSTEM

LAB-9

TRIGGERS

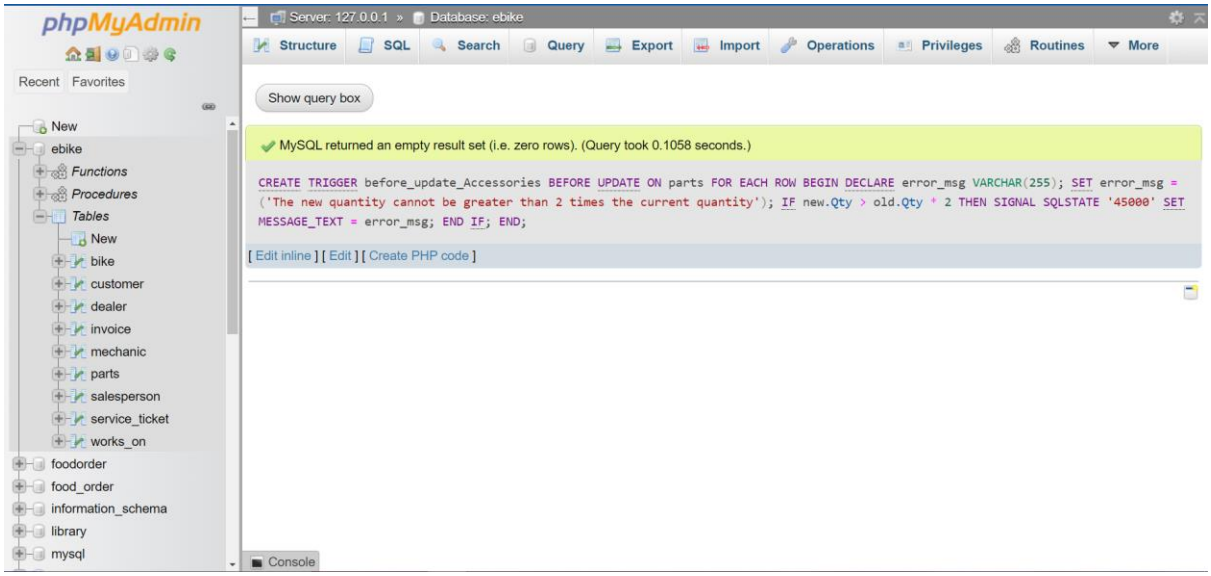
NAME: VISHWAS M

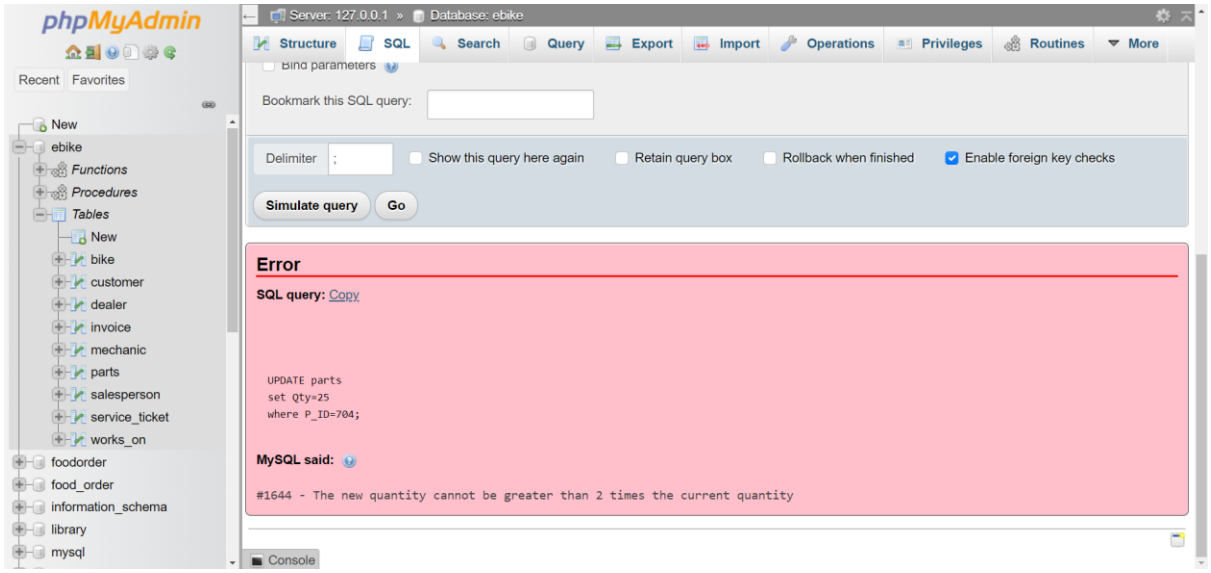
SRN : PES2UG20CS390

SEC : F

DATE : 03/11/2022

Demo:


phpMyAdmin
Recent Favorites
New
ebike
Functions
Procedures
Tables
New
bike
customer
dealer
invoice
mechanic
parts
salesperson
service_ticket
works_on
foodorder
food_order
information_schema
library
mysql
Server: 127.0.0.1 » Database: ebike
Structure SQL Search Query Export Import Operations Privileges Routines More
Show query box
MySQL returned an empty result set (i.e. zero rows). (Query took 0.1058 seconds.)
CREATE TRIGGER before_update_Accessories BEFORE UPDATE ON parts FOR EACH ROW BEGIN DECLARE error_msg VARCHAR(255); SET error_msg = ('The new quantity cannot be greater than 2 times the current quantity'); IF new.Qty > old.Qty + 2 THEN SIGNAL SQLSTATE '45000' SET MESSAGE_TEXT = error_msg; END IF; END;
[Edit inline] [Edit] [Create PHP code]
Console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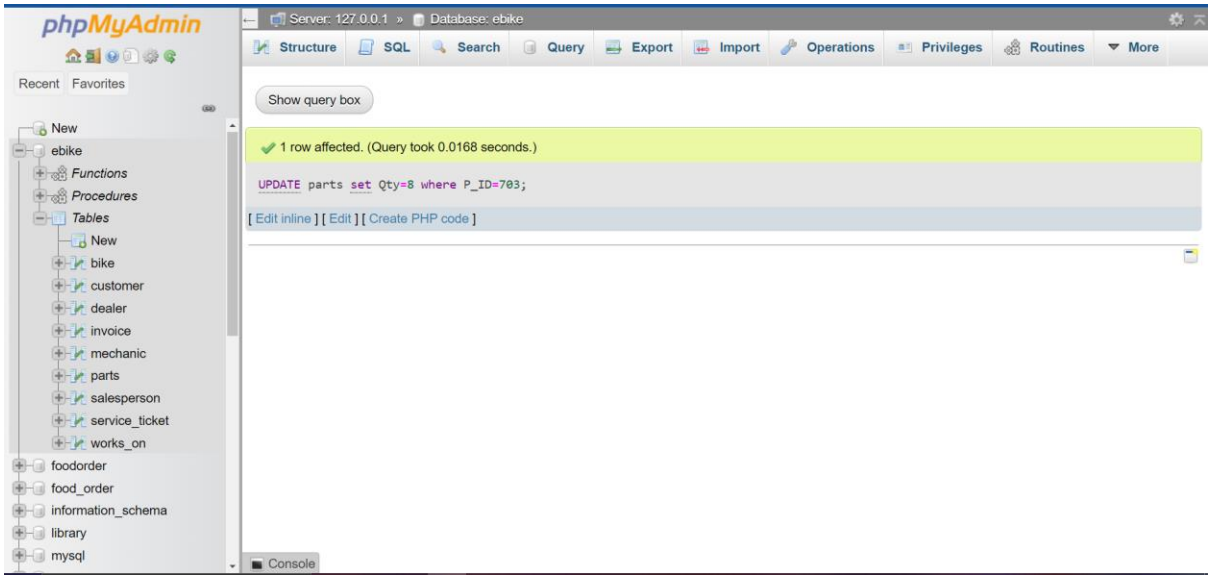
foodorder
food_order
information_schema
library
mysql
Server: 127.0.0.1 » Database: ebike
Structure SQL Search Query Export Import Operations Privileges Routines More
Bind parameters
Bookmark this SQL query:
Delimiter ;
Show this query here again
Retain query box
Rollback when finished
Enable foreign key checks
Simulate query
Go
Error
SQL query: Copy
UPDATE parts
set Qty=25
where P_ID=704;
MySQL said:
#1644 - The new quantity cannot be greater than 2 times the current quantity
Console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parts
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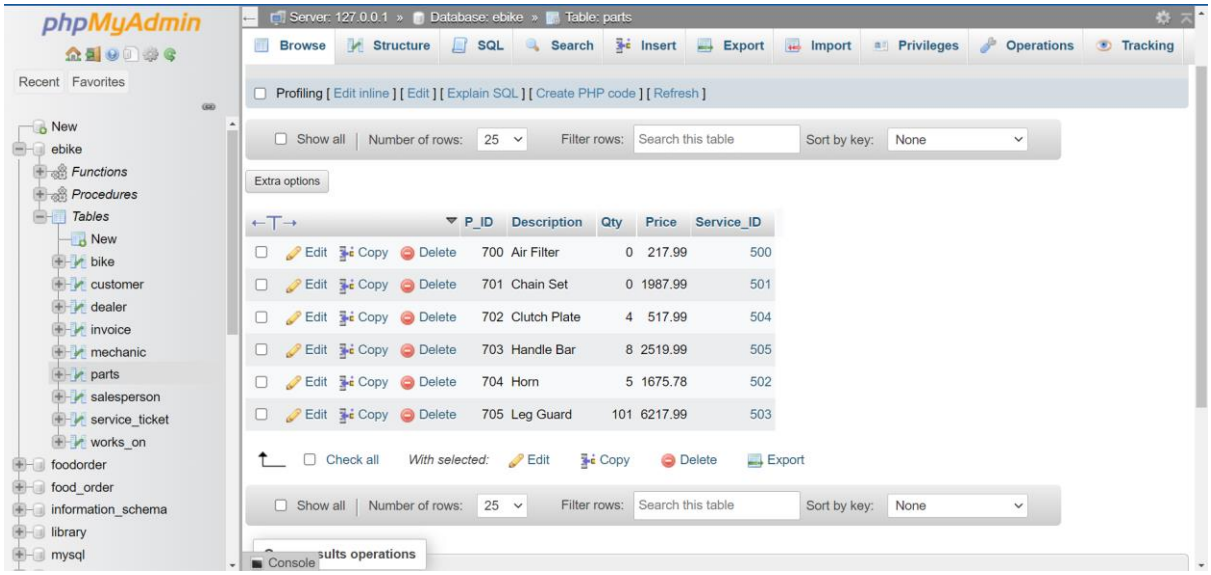
works_on
foodorder
food_order
information_schema
library
mysql
Server: 127.0.0.1 » Database: ebike
Structure SQL Search Query Export Import Operations Privileges Routines More
Show query box
1 row affected. (Query took 0.0168 seconds.)
UPDATE parts set Qty=8 where P_ID=703;
[Edit inline] [Edit] [Create PHP code]
Console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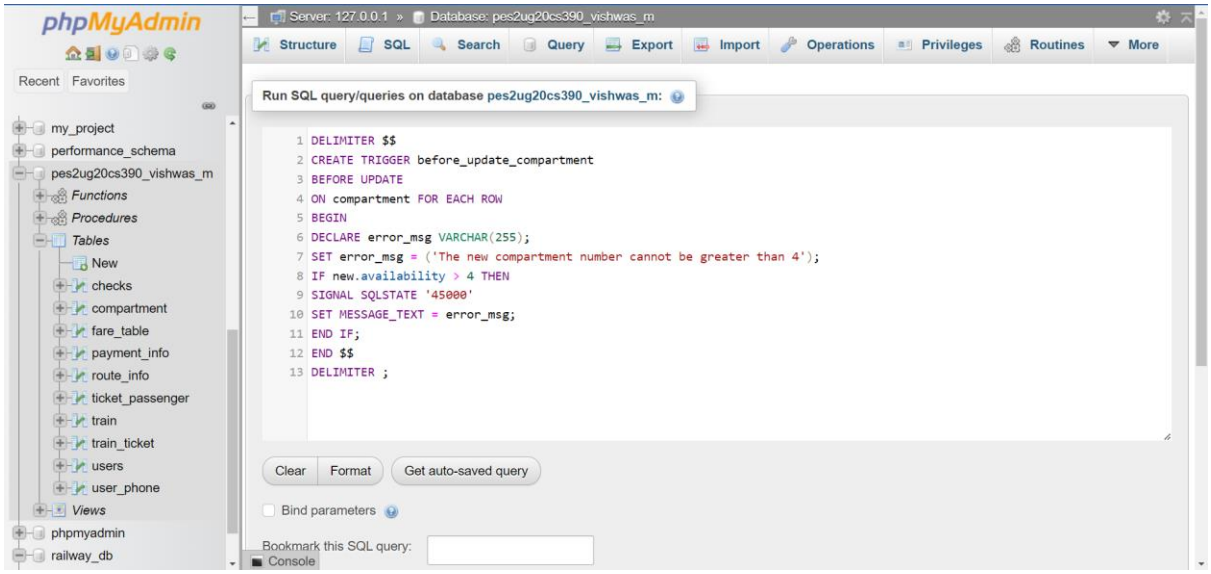
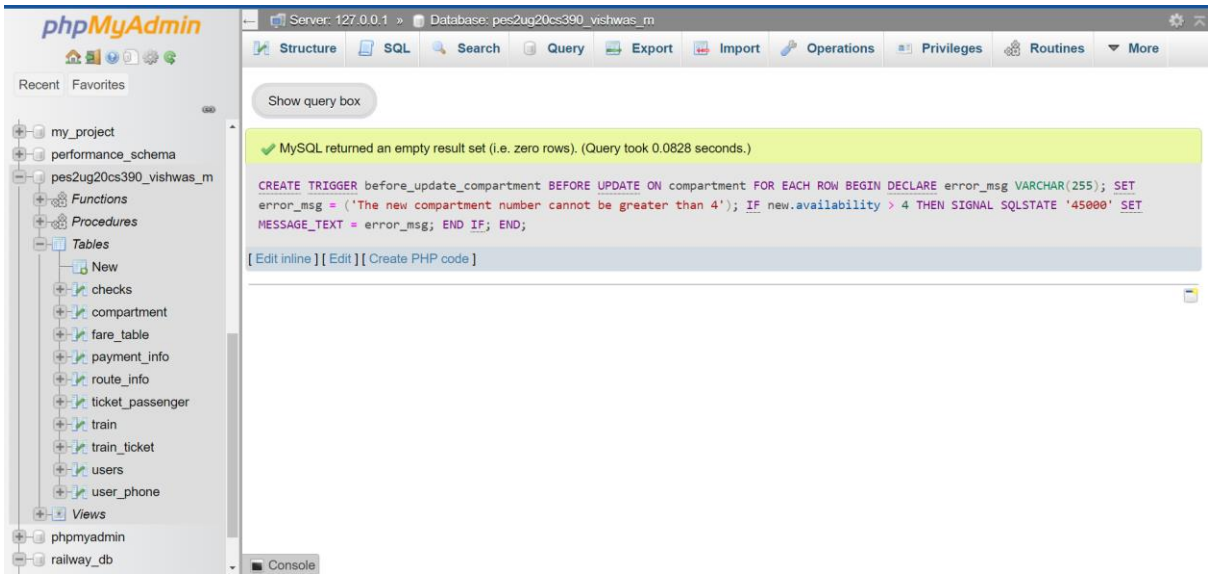
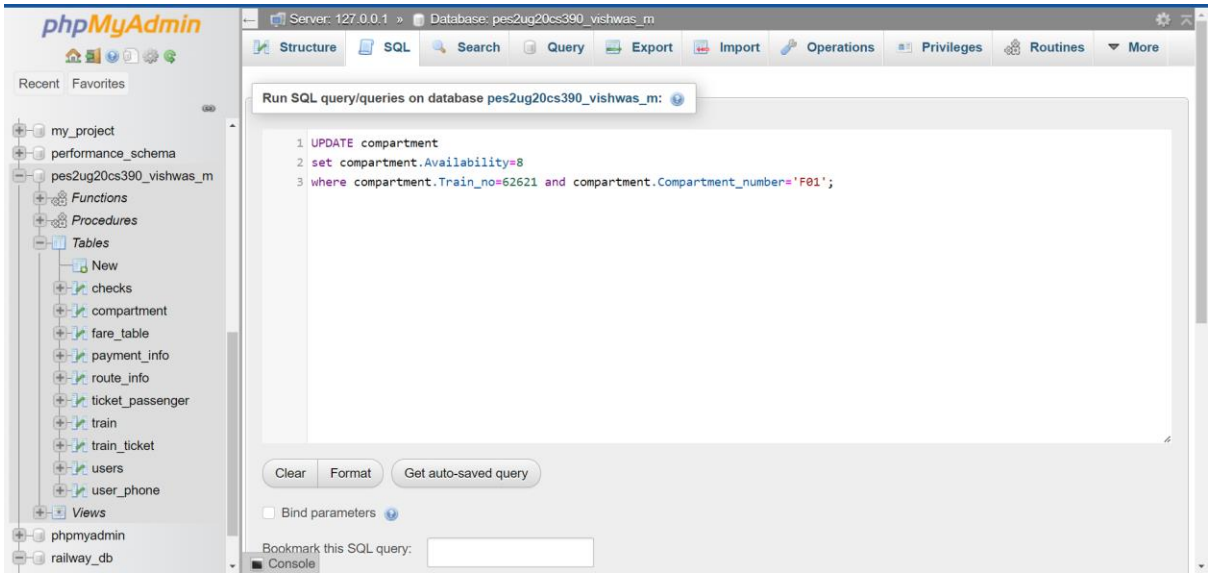
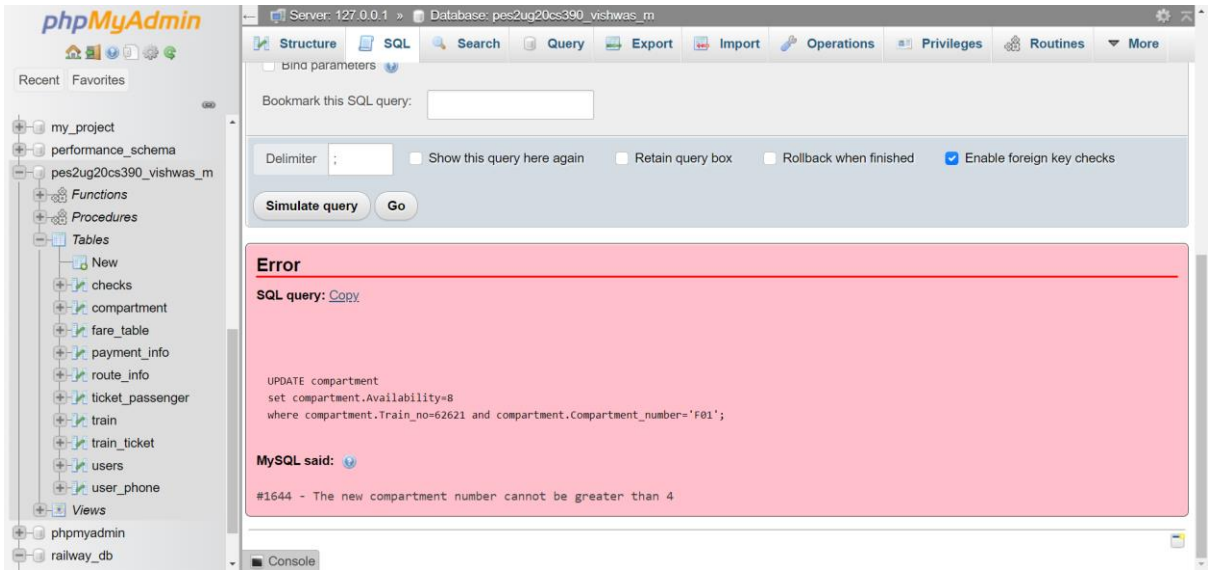
mechanic
parts
salesperson
service_ticket
works_on
foodorder
food_order
information_schema
library
mysql
Server: 127.0.0.1 » Database: ebike » Table: parts
Browse Structure SQL Search Insert Export Import Privileges Operations Tracking
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
Extra options
P_ID Description Qty Price Service_ID
Edit Copy Delete 700 Air Filter 0 217.99 500
Edit Copy Delete 701 Chain Set 0 1987.99 501
Edit Copy Delete 702 Clutch Plate 4 517.99 504
Edit Copy Delete 703 Handle Bar 8 2519.99 505
Edit Copy Delete 704 Horn 5 1675.78 502
Edit Copy Delete 705 Leg Guard 101 6217.99 503
Check all With selected: Edit Copy Delete Export
Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None
Console

ASSIGNMENT 1:






phpMyAdmin
Recent Favorites
my_project
performance_schema
pes2ug20cs390_vishwas_m
Functions
Procedures
Tables
New
checks
compartment
fare_table
payment_info
route_info
ticket_passenger
train
train_ticket
users
user_phone
Views
phpmyadmin
railway_db
Server: 127.0.0.1 » Database: pes2ug20cs390_vishwas_m
Structure SQL Search Query Export Import Operations Privileges Routines More
Run SQL query/queries on database pes2ug20cs390_vishwas_m:
1 UPDATE compartment
2 set compartment.Availability=8
3 where compartment.Train_no=62621 and compartment.Compartment_number='F01';
Clear Format Get auto-saved query
Bind parameters
Bookmark this SQL query:
Console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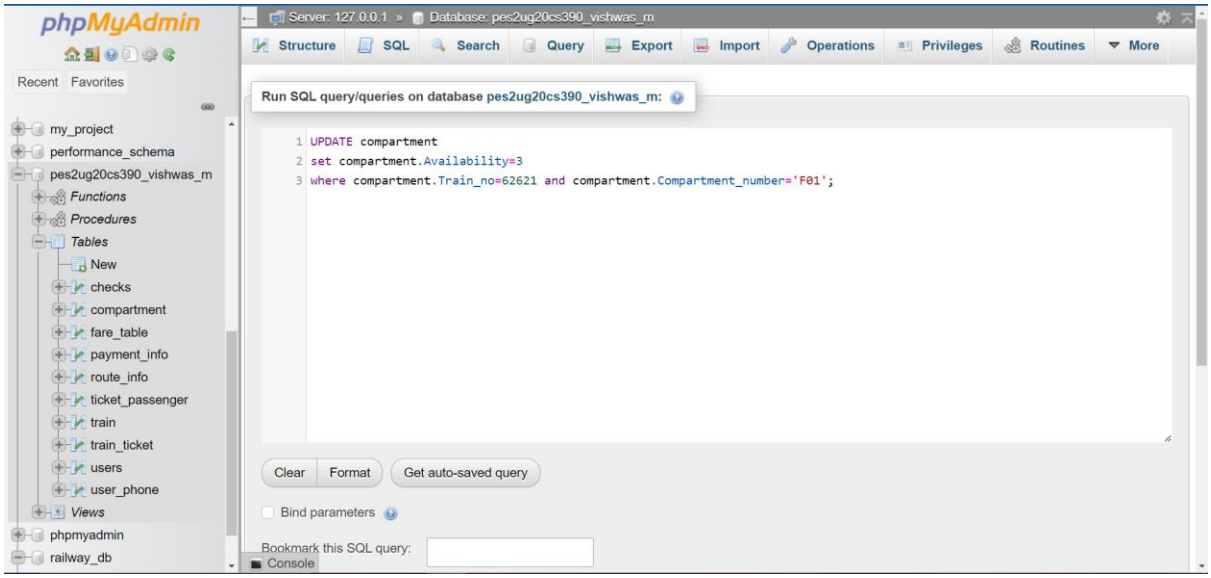
phpmyadmin
railway_db
Server: 127.0.0.1 » Database: pes2ug20cs390_vishwas_m
Structure SQL Search Query Export Import Operations Privileges Routines More
Bind parameters
Bookmark this SQL query:
Delimiter ; Show this query here again Retain query box Rollback when finished Enable foreign key checks
Simulate query Go
Error
SQL query: Copy
UPDATE compartment
set compartment.Availability=8
where compartment.Train_no=62621 and compartment.Compartment_number='F01';
MySQL said:
#1644 - The new compartment number cannot be greater than 4
Console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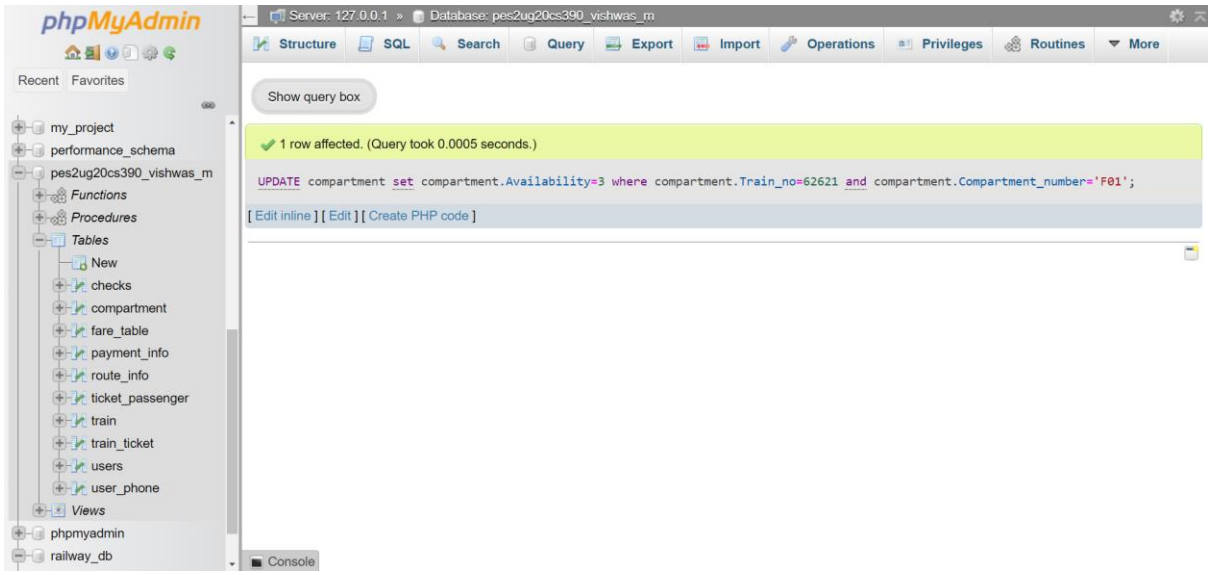
train_ticket
users
user_phone
Views
phpmyadmin
railway_db
Server: 127.0.0.1 » Database: pes2ug20cs390_vishwas_m
Structure SQL Search Query Export Import Operations Privileges Routines More
Run SQL query/queries on database pes2ug20cs390_vishwas_m:
UPDATE compartment
set compartment.Availability=3
where compartment.Train_no=62621 and compartment.Compartment_number='F01';
Clear Format Get auto-saved query
Bind parameters
Bookmark this SQL query:
Console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Functions
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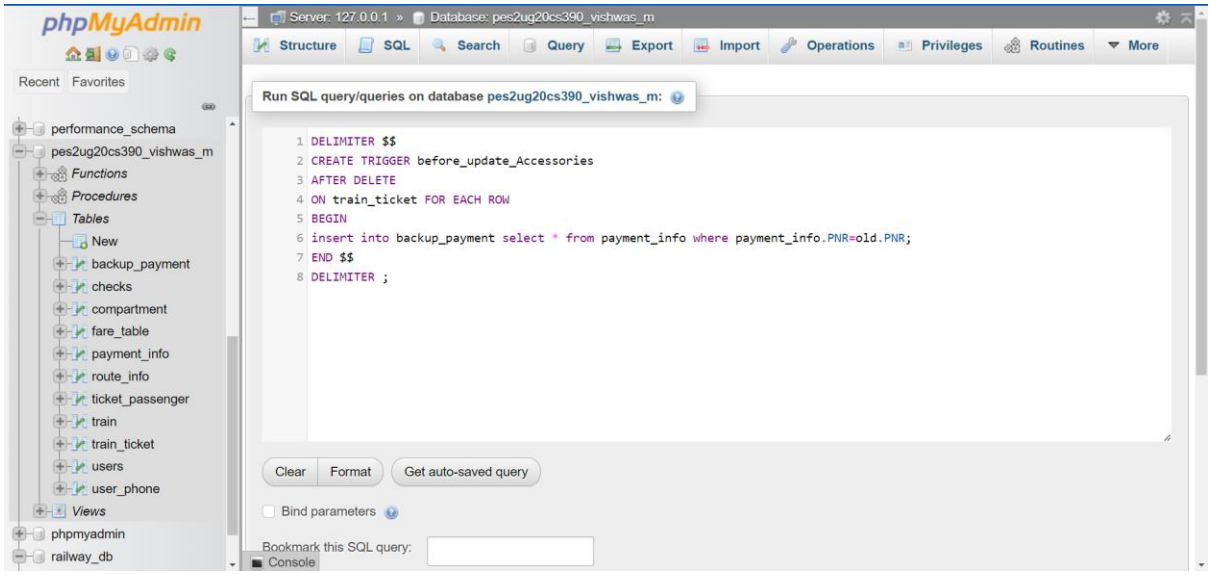
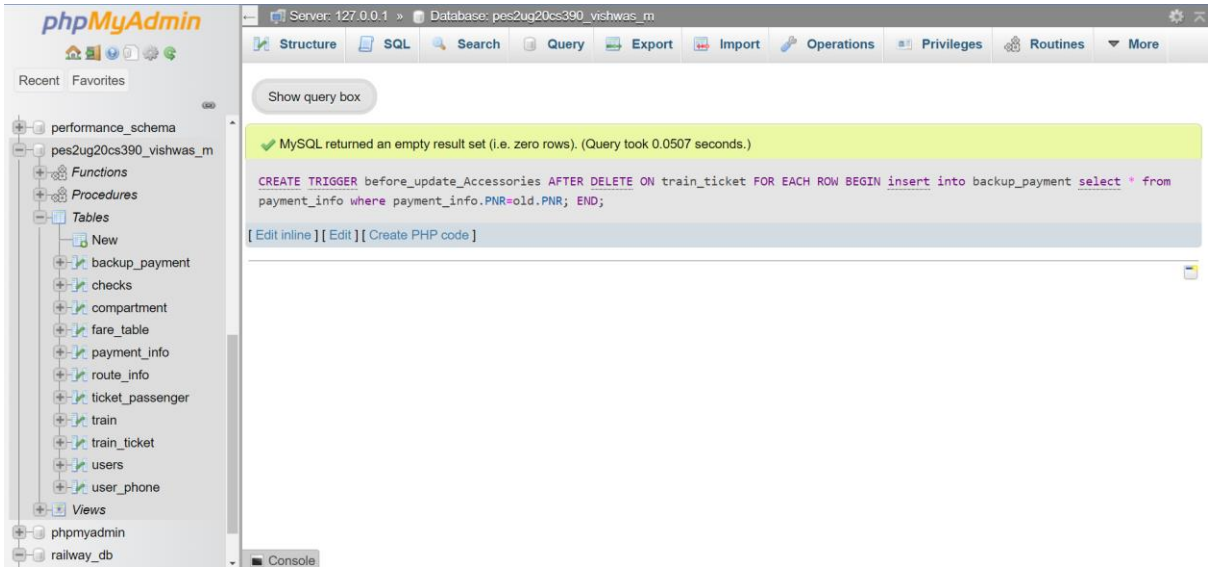
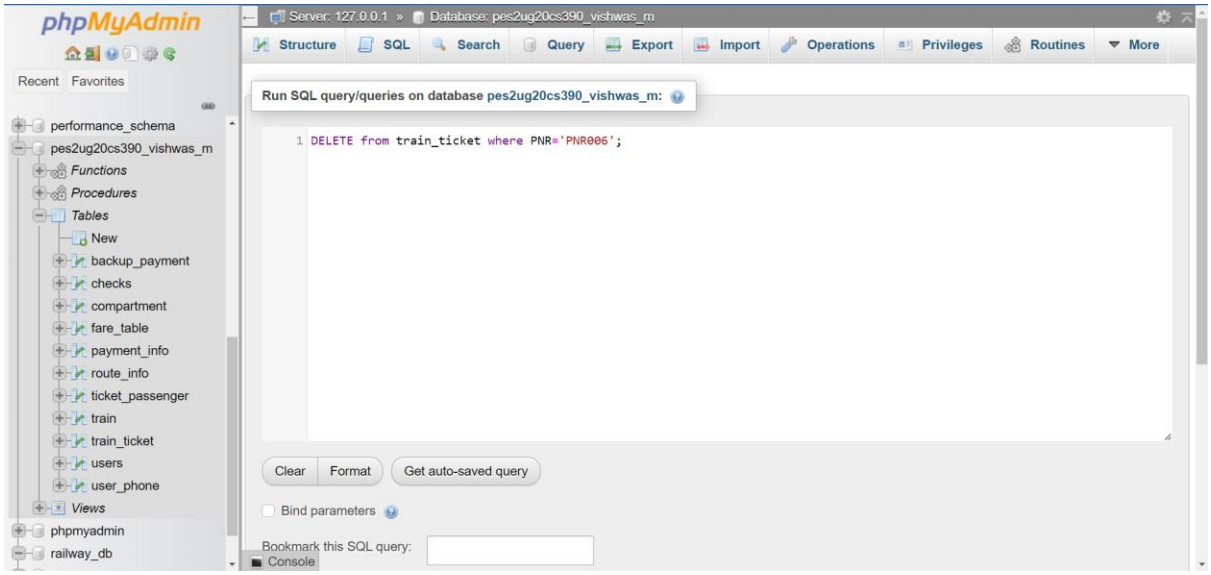
New
checks
compartment
fare_table
payment_info
route_info
ticket_passenger
train
train_ticket
users
user_phone
Views
phpmyadmin
railway_db
Server: 127.0.0.1 » Database: pes2ug20cs390_vishwas_m
Structure SQL Search Query Export Import Operations Privileges Routines More
Show query box
1 row affected. (Query took 0.0005 seconds.)
UPDATE compartment set compartment.Availability=3 where compartment.Train_no=62621 and compartment.Compartment_number='F01';
[Edit inline] [Edit] [Create PHP code]
Console

ASSIGNMENT 2:



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backup_payment
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compartment
fare_table
payment_info
route_info
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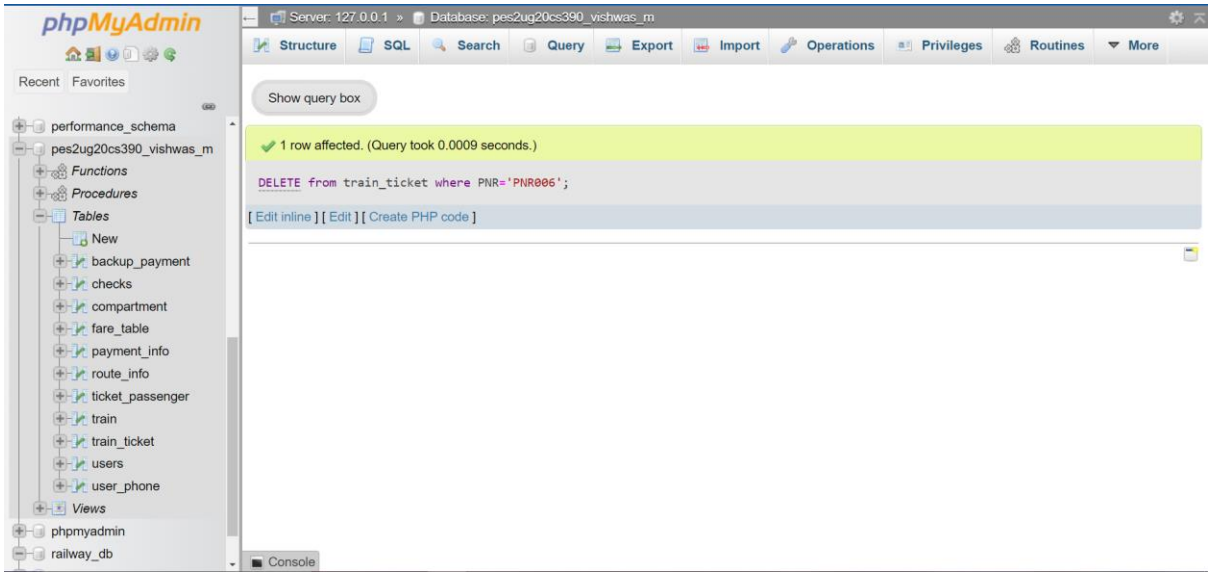
train
train_ticket
users
user_phone
Views
phpmyadmin
railway_db
Server: 127.0.0.1 » Database: pes2ug20cs390_vishwas_m
Structure SQL Search Query Export Import Operations Privileges Routines More
Run SQL query/queries on database pes2ug20cs390_vishwas_m:
1 DELETE from train_ticket where PNR='PNR006';
Clear Format Get auto-saved query
Bind parameters
Bookmark this SQL query:
Console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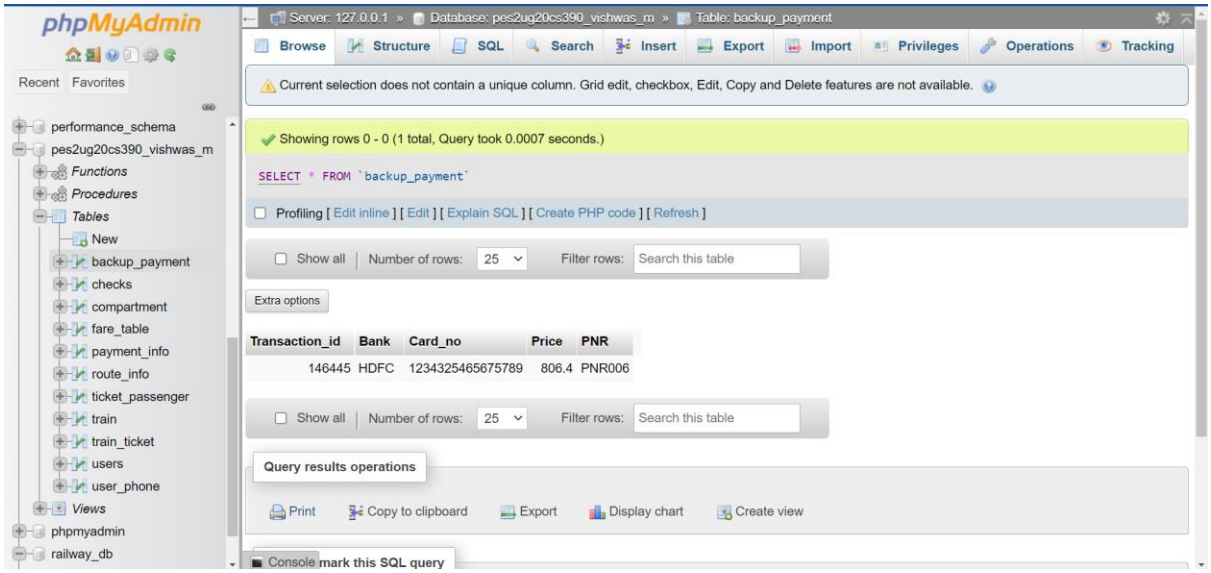
route_info
ticket_passenger
train
train_ticket
users
user_phone
Views
phpmyadmin
railway_db
Server: 127.0.0.1 » Database: pes2ug20cs390_vishwas_m
Structure SQL Search Query Export Import Operations Privileges Routines More
Show query box
1 row affected. (Query took 0.0009 seconds.)
DELETE from train_ticket where PNR='PNR006';
[Edit inline] [Edit] [Create PHP code]
Console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pes2ug20cs390_vishwas_m
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Tables
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backup_payment
checks
compartment
fare_table
payment_info
route_info
ticket_passenger
train
train_ticket
users
user_phone
Views
phpmyadmin
railway_db
Server: 127.0.0.1 » Database: pes2ug20cs390_vishwas_m » Table: backup_payment
Browse Structure SQL Search Insert Export Import Privileges Operations Tracking
Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.
Showing rows 0 - 0 (1 total, Query took 0.0007 seconds.)
SELECT * FROM `backup_payment`
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all | Number of rows: 25 Filter rows: Search this table
Extra options
Transaction_id Bank Card_no Price PNR
146445 HDFC 1234325465675789 806.4 PNR006
Show all | Number of rows: 25 Filter rows: Search this table
Query results operations
Print Copy to clipboard Export Display chart Create view
Console
mark this SQL query