

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator: category_sales practiceTables* Get_country_payments Tigger part-2 automobiles InsertEmployee - Routine InsertEmployee InsertEmployee emp_bit emp_bit - Table

SCHEMAS

Filter objects

assignment

- Tables
 - customers
 - emp_bit
 - emp_eh
 - employees
 - orderdetails
 - orders
 - payments
 - productlines
 - products
 - project_q6
 - q7

Administration Schemas

Information

No object selected

Table Name: emp_bit Schema: assignment

Charset/Collation: utf8mb4 utf8mb4_0900_ai_ci Engine: InnoDB

Comments:

▼ BEFORE INSERT

- emp_bit_BEFORE_INSERT
- AFTER INSERT
- BEFORE UPDATE
- AFTER UPDATE
- BEFORE DELETE
- AFTER DELETE

1 CREATE DEFINER='root'@'localhost' TRIGGER `emp_bit_BEFORE_INSERT` BEFORE INSERT ON `emp_bit` FOR EACH ROW BEGIN

2 IF New.Working_Hours < 0 then SET new.working_hours = ABS(New.working_hours);

3 END IF;

4 END

Columns Indexes Foreign Keys Triggers Partitioning Options

Object Info Session

Apply Revert

Type here to search

28°C 13:46 22-11-2024

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator: MySQL Assignment (K.SRI NA... SQL File 6* Cursors orderstatus orderstatus Order_status Order_status Triggers InsertEmployee InsertEmployee proc

SCHEMAS

Filter objects

assignment

- Tables
 - customers
 - emp_bit
 - emp_eh
 - employees
 - orderdetails
 - orders
 - payments
 - productlines
 - products
 - project_q6
 - q7

Administration Schemas

Information

No object selected

```
392 -- Create before insert trigger to make sure any new value of Working_hours, if it is negative, then it should be inserted as positive.
393
394 Use assignment;
395
396 CREATE TABLE Emp_BIT (
397     Name VARCHAR(50),
398     Occupation VARCHAR(50),
399     Working_date DATE,
400     Working_hours INT
401 );
402
403 select * from emp_BIT;
404
405 INSERT INTO Emp_BIT (Name, Occupation, Working_date, Working_hours) VALUES
406 ('Robin', 'Scientist', '2020-10-04', 12),
407 ('Warner', 'Engineer', '2020-10-04', -10),
408 ('Peter', 'Actor', '2020-10-04', -13),
409 ('Marco', 'Doctor', '2020-10-04', 14),
410 ('Brayden', 'Teacher', '2020-10-04', -12),
```

Result Grid

Name	Occupation	Working_date	Working_hours
------	------------	--------------	---------------

emp_BIT 3 x

Read Only

13:48 22-11-2024

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator: MySQL Assignment (K.SRI NA...) SQL File 6* Cursors orderstatus orderstatus Order_status Order_status Triggers InsertEmployee InsertEmployee proc

SCHEMAS

Filter objects

assignment

- Tables
 - customers
 - emp_bit
 - emp_eh
 - employees
 - orderdetails
 - orders
 - payments
 - productlines
 - products
 - project_q6
 - q7

Administration Schemas

Information

No object selected

```
398 Occupation VARCHAR(50),
399 Working_date DATE,
400 Working_hours INT
401 );
402
403 • select * from emp_BIT;
404
405 • INSERT INTO Emp_BIT (Name, Occupation, Working_date, Working_hours) VALUES
406 ('Robin', 'Scientist', '2020-10-04', 12),
407 ('Warner', 'Engineer', '2020-10-04', -10),
408 ('Peter', 'Actor', '2020-10-04', -13),
409 ('Marco', 'Doctor', '2020-10-04', 14),
410 ('Brayden', 'Teacher', '2020-10-04', -12),
411 ('Antonio', 'Business', '2020-10-04', 11);
412
413 -- I have created Before insert trigger for converting negative working_hours to the positive working_hours using ABS function
414 • select * from emp_BIT;
415 -- Now , i found it is successfully converted negative working_hours to the positive using "Before insert trigger" as asked in the assignment.
416
```

Result Grid

	Name	Occupation	Working_date	Working_hours
▶	Robin	Scientist	2020-10-04	12
	Warner	Engineer	2020-10-04	10
	Peter	Actor	2020-10-04	13
	Marco	Doctor	2020-10-04	14
	Brayden	Teacher	2020-10-04	12

emp_BIT 4 x

Object Info Session

Read Only

Type here to search

13:48 22-11-2024