• NAME: Henry K. Kombem

WEBSITE

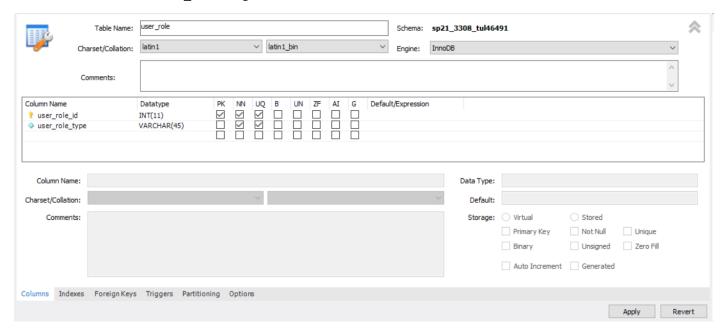
Name: G-Sneaks

URL: http://cis-linux2.temple.edu:8080/sp21_3308_tul46491

Description: Have you ever attempted buying sneakers to sell, but the costs leave you with little or no profit? Well, that is not a problem anymore. Browse through our vast collection of sneakers and pick what works best for your business. Affordable prices, great quality, and did I mention you are 50 orders away from FREE SHIPPING for your next 100 orders? Start investing now and thank us later.

DATABASE

- Table Designs
 - user_role design



web_user design

	Table Name:	web_user										Schema: s	sp 21 _3	3308_tul464	91			\forall
Column Name web_user_id user_email user_password image Birthday membership_fa user_role_id	ee	Datatype INT(11) VARCHAR(45) VARCHAR(45) VARCHAR(200) DATE DECIMAL(8,2) INT(11)			UQ	B	UN	ZF	AI	G	NULL NULL NULL NULL NULL	Expression						
Column Name:	user_role_id													Data Type:	INT(11)			
Charset/Collation:	Default Charse	t			V [efau	lt Colla	ition					~	Default:				
Comments:														Storage:	○ Virtual	Stored		
															Primary Key	✓ Not Null	Unique	
															Binary	Unsigned	Zero Fill	
															Auto Increment	Generated		
Columns Indexes	Foreign Keys	Triggers Partition	ing O	ptions	3													
																	Apply	Revert

	able Name: web_user	Schema: sp21_3308_tul464	
reign Key Name	Referenced Table	Column Referenced Column	Foreign Key Options
<_user_role_id	`sp21_3308_tul46491`.`user_role`	web_user_id	On Update: NO ACTION
		☐ user_email☐ user_password	On Delete: NO ACTION
		image	
		Birthday	Skip in SQL generation
		☐ membership_fee ☑ user_role_id user_role_id	
		use_tote_u	
			- Foreign Key Comment
			Total Table 1
		I .	
mns Indexes F	oreign Keys Triggers Partitioning Opti	NS .	

sneakers(other) design

Query 1 user_	role web_u	user sneakers	web_user - Table	sneakers - Ta	able ×							
<u> </u>	Table Name:	sneakers				Scher	na: sp2 1	1_3308_tul464	491			×
Column Name sneaker_id sneaker_name brand image stock wholesale_pric retail_price rating web_user_id	ie	Datatype INT(11) VARCHAR(45) VARCHAR(45) VARCHAR(200) VARCHAR(200) VARCHAR(45) DECIMAL(9,2) DECIMAL(9,2) DOUBLE INT(11)	NN UQ		AI G	Default/Expre	ssion					
Column Name:	brand							Data Type:	VARCHAR(45)			
Charset/Collation:	Default Charse	t	~	Default Collation			~	Default:	NULL			
Comments:								Storage:	Virtual Primary Key Binary Auto Increment	Unsigned] Unique] Zero Fill	
Foreign Key Name		erenced Table		Column		Sd		p 21 _3308_tul	46491	Foreign Key C		*
fk_web_user_id	`sp:	21_3308_tul46491`.`w	eb_user`	sneal sneal	ker_name					On Updat On Delet		· ·
				☐ brand ☐ imag ☐ stock ☐ whole ☐ retail ☐ rating ☑ web_	e c esale_pric l_price g	e web_user	_id				kip in SQL generatio	on
												^
Columns Indexe	s Foreign Ke	ys Triggers Partition	oning Options									

Data Entry Errors

- Duplicate user_role PK in user_role record
 - ★ Execute SQL Statements

Error: There was an error while applying the SQL script to the database.

```
Executing:
INSERT INTO `sp21_3308_tul46491`.`user_role` (`user_role_id`, `user_role_type`) VALUES ('0', 'type2');

Operation failed: There was an error while applying the SQL script to the database.

ERROR 1062: 1062: Duplicate entry '0' for key 'PRIMARY'

SQL Statement:
INSERT INTO `sp21_3308_tul46491`.`user_role` (`user_role_id`, `user_role_type`) VALUES ('0', 'type2')
```

- Invalid user_role FK in web_user record
 - Execute SQL Statements

Error: There was an error while applying the SQL script to the database.

```
Executing:

UPDATE `sp21_3308_tul46491`.`web_user` SET `user_role_id` = '7' WHERE (`web_user_id` = '5');

Operation failed: There was an error while applying the SQL script to the database.

ERROR 1452: 1452: Cannot add or update a child row: a foreign key constraint fails
(`sp21_3308_tul46491`.`web_user`, CONSTRAINT`fk_user_role_id` FOREIGN KEY (`user_role_id`)

REFERENCES `user_role` (`user_role_id`) ON DELETE CASCADE ON UPDATE CASCADE)

SQL Statement:

UPDATE `sp21_3308_tul46491`.`web_user` SET `user_role_id` = '7' WHERE (`web_user_id` = '5')
```

- error trying to delete a user_role record that's referenced by a web _user record
- Execute SQL Statements

Error: There was an error while applying the SQL script to the database.

```
Executing:

DELETE FROM `sp21_3308_tul46491`.`user_role` WHERE (`user_role_id` = '1');

Operation failed: There was an error while applying the SQL script to the database.

ERROR 1451: 1451: Cannot delete or update a parent row: a foreign key constraint fails
(`sp21_3308_tul46491`.`web_user`, CONSTRAINT `fk_user_role_id` FOREIGN KEY (`user_role_id`)

REFERENCES `user_role` (`user_role_id`) ON DELETE NO ACTION ON UPDATE NO ACTION)

SQL Statement:

DELETE FROM `sp21_3308_tul46491`.`user_role` WHERE (`user_role_id` = '1')
```

- Invalid web_user FK in "other" record
 - ★ Execute SQL Statements

Error: There was an error while applying the SQL script to the database.

```
Executing:
INSERT INTO `sp21_3308_tul46491`.`sneakers` (`web_user_id`) VALUES ('10');

Operation failed: There was an error while applying the SQL script to the database.
ERROR 1452: 1452: Cannot add or update a child row: a foreign key constraint fails
(`sp21_3308_tul46491`.`sneakers`, CONSTRAINT` fk_web_user_id` FOREIGN KEY (`web_user_id`)
REFERENCES` web_user` (`web_user_id`) ON DELETE NO ACTION ON UPDATE NO ACTION)
SQL Statement:
INSERT INTO `sp21_3308_tul46491`.`sneakers` (`web_user_id`) VALUES ('10')
```

error trying to delete a web_user record that's referenced by an "other" record

Execute SQL Statements

Error: There was an error while applying the SQL script to the database.

```
Executing:

DELETE FROM `sp21_3308_tul46491`.`web_user` WHERE (`web_user_id` = '6');

Operation failed: There was an error while applying the SQL script to the database.

ERROR 1451: 1451: Cannot delete or update a parent row: a foreign key constraint fails
(`sp21_3308_tul46491`.`sneakers`, CONSTRAINT `fk_web_user_id` FOREIGN KEY (`web_user_id`)

REFERENCES `web_user` (`web_user_id`) ON DELETE NO ACTION ON UPDATE NO ACTION)

SQL Statement:

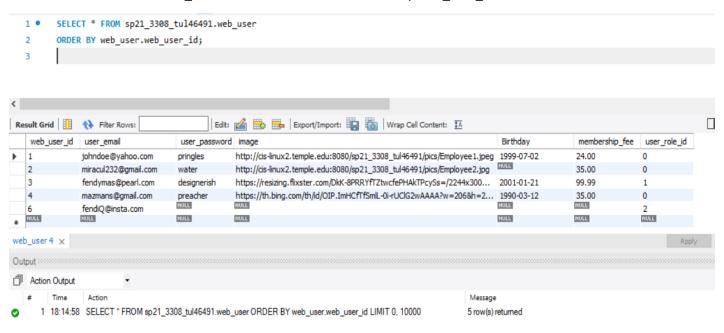
DELETE FROM `sp21_3308_tul46491`.`web_user` WHERE (`web_user_id` = '6')
```

Select Statements

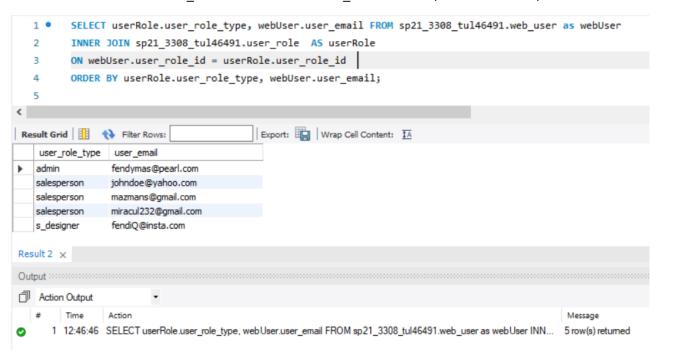
SELECT * FROM sp21_3308_tul46491.user_role

- USER_ROLE: all rows, all columns, sorted by user_role_id.
- 2 ORDER BY user_role.user_role_id; Edit: 🚄 📆 🖺 Export/Import: 📳 👸 | Wrap Cell Content: 🔣 user_role_id user_role_type salesperson 1 admin s designer NULL NULL user_role 1 × Output: Action Output Time Action Message 1 12:45:21 SELECT * FROM sp21_3308_tul46491.user_role ORDER BY user_role.user_role_id LIMIT 0, 10000 3 row(s) returned

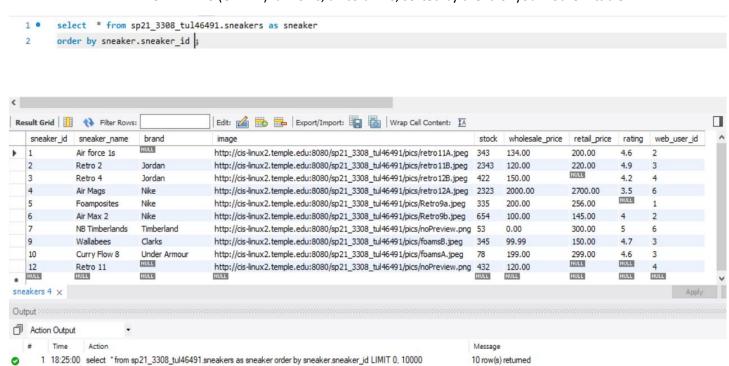
WEB_USER: all rows, all columns, sorted by web_user_id.



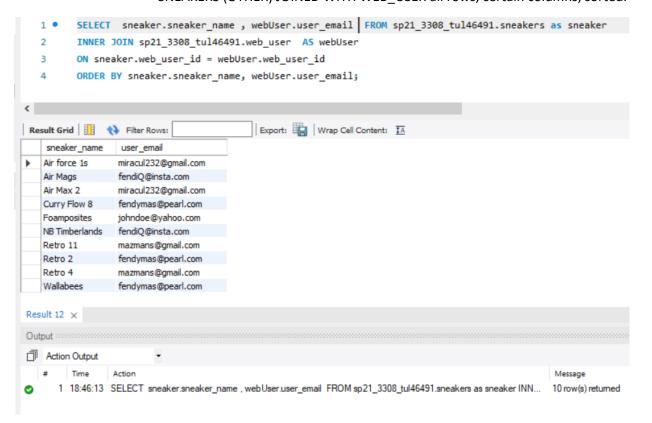
WEB_USER JOINED WITH USER_ROLE: all rows, certain columns, sorted.



• SNEAKERS (OTHER): all rows, all columns, sorted by the id of your "other" table.



SNEAKERS (OTHER) JOINED WITH WEB_USER all rows, certain columns, sorted.



 SNEAKERS (OTHER) JOINED WITH WEB_USER some rows, certain columns, sorted.

