Project Title: Delete associated products in products table when admin deletes one category.

Description: In this Application There are two tables Categories and Products. Each Category

has Multiple products in product table. If Admin delete one category that associated products also deleted automatically.

Database: MySQL

Database Name: items

Tables: 1. categories

2. products

* Creation of table categories in this table there are two columns 1.categoryid (Primary key)

2.categoryname

* Creation of table products in this table there are three columns 1.productid (Primary key)

2.productnmae

3.categoryid(Foreign Key)

* In product table we maintain category id as Foreign key and ON DELETE CASCADE

Work Flow:

* This Application runs on port 8080 (<http://localhost:8080/>)
* This Application connects with MySQL database
* We run cmd in this current folder as shown below

E:\Del\_Category>node category.js

Server listening on port 8080

* In Node JS any Application by default runs on port 3000
* For my seek I changed 3000 to 8080 in category,js file .
* The whole application we can dived into mvc (model || view || controller ) architecture
* In this Application index.html coming under view layer,index.js coming under controller layer, mysql coming under model layer
* In index.html we write frontend code for showing data to end users. in this index.html we are taking category selection as input for deleting associated products.
* For that we giving selection option for selecting category list. So based on that selection we are displaying products information
* We call a function for getting list of categories in html page that request go to client js
* In client js we send the request through api to routes .this routes configure relation between controller and model layer.
* In model we write a query for our logic.
* What ever the response is came from model that will send to client js .client js giving response to view layer (browser)
* The coming data we are shown in table format
* Further we asking conformation for delete products

How to run the code:

* We run cmd in this current folder as shown below

E:\Del\_Category>node category.js

Server listening on port 8080

* The index page automatically loaded