

## Unit 4: Homework

### Design Question:

Building on the ecommerce database design we are working on, the retailer wants to add support for “Gift orders”. The customer will now be able to order gifts for family and friends on a single order and have them shipped to different addresses.

- How would you change your database design to accommodate this requirement?  
I would make an OrderType table
- Would you create new tables or change existing tables?  
Under the OrderType table I would make columns for OrderSale and OrderGift
- Your ecommercedb now has close to 10k orders already. How will the requirement impact the existing orders in the tables? Are there special design considerations for handling the existing orders? You can just specify every order now if it was a gift or sale under the OrderType. The addresses you should be fine since will be able to store more than one address under customers.



