

# Lab Assignment 5

CS 420 – Database Management Systems

Spring 2018

## Database

In the lab on May 10, we created a database with the following tables.

- Price (prodID, from, price)
- Product (prodID, name, quantity)
- PO (prodID, orderID, amount)
- Order (orderID, date, address, status, trackingNumber, custID, shipID)
- Shipping (shipID, company, time, price)
- Customer (custID, name)
- Address (addrID, custID, address)

## Assignment

Implement SQL-functions (using `Create Function ...`) that do the following.

- Find the average shipping time for a given product (given as `prodId`). You do not need to include the amount of a product for an order into function.
- Find the most ordered products for a given customer (given as `custId`)

## Submission

Write your implementation in a single `.sql`-file and upload it to canvas.

This is an individual assignment. Therefore, a submission is required from each student.

**Deadline:** Sunday, June 3, 11:59 pm.