# Problem 1

I implemented the problem using PHP and MySQL. Tested it on XAMPP

First, I ran the “bakery.sql” script given in the homework resources. But I encountered a problem while running queries. The script named a table as **‘order’**. But order is a keyword and hence gave errors. So, I modified the script to have the table name as **‘orders’** instead of **‘order’**

I used the code given in “menu-example-by-query-generation.php” and “view.php” and modified it to achieve my results

I used the following queries for the functionality asked in the problem:

1. SELECT c.cakename,o.pricepaid,o.ordertime,o.pickuptime

FROM cake AS c,orders AS o

WHERE o.custid=? AND o.cakeid=c.cakeid

1. SELECT i.iname,co.qty

FROM cake AS c,contains AS co,ingredient AS i

WHERE c.cakename=? AND c.cakeid=co.cakeid AND co.ingredid=i.ingredid

1. SELECT c.cakename

FROM cake AS c,contains AS co,ingredient AS i

WHERE i.iname=? AND c.cakeid=co.cakeid AND co.ingredid=i.ingredid

**connect.php**: Connecting to the database using username: USERNAME; password: nopassword

(I set these USERNAME and password as given in the Readme file in “PHP Files”)

**index.php**: It is my homepage which has search functionality for user.

I put my bakery folder(containing connect.php,index.php and all other files) in XAMPP/htdocs

My homepage can be loaded using the link: **localhost/bakery**

**ingredients.php**: Implements functionality asked in b)

**cakes.php:** Implements functionality asked in c)