Question 1

```sql
SELECT *
FROM actors WHERE first_name LIKE 'Y%' AND gender = "F" order by film_count desc;
(4 rows)

SELECT a.first_name, a.last_name FROM actors a
join roles r on a.id=r.actor_id
join movies_genres mg on r.movie_id=mg.movie_id WHERE mg.genre = "Comedy" AND
a.gender = "F";
(125 rows)

SELECT m.name FROM actors a
join roles r on a.id=r.actor_id
join movies m on r.movie_id=m.id
join movies_directors md on m.id=md.movie_id
join directors d on md.director_id=d.id
WHERE d.last_name = a.last_name AND d.first_name=a.first_name;
(10 rows)
```

Question 2

```php
<?php
if (!isset($_POST["food"]) || !isset($_POST["quantity"])) {
header("HTTP/1.1 400 Invalid Request");
die();
}

$food = $_POST["food"];
$quantity = $_POST["quantity"];
$found = FALSE;
foreach (file("inventory.txt") as $line) {
        list($item, $number, $price) = explode("\t", $line);
        if ($item == $food && $number >= $quantity) {
        $total = $quantity * $price;
        ?>

        <p>
                Order successful!
                $<?= $total ?> is your total price. This is your order:
                <?php for ($i = 0; $i < $quantity; $i++) { ?>
                <img src="<?= $food ?>.jpg" alt="food" />
                <?php } ?>
        </p>
```

```php
        <?php
        $found = TRUE;
        break;
        }
}

if (!$found) { ?>
<p> We don't have <?= $quantity ?> of '<?= $food ?>' in our store.</p>
<?php } ?>
```