Week 10 Section QuickCheck

1. Consider the following code for a PHP web service of a Todo List website. If all goes well, this code will correctly insert an item into the Todos table. But it its implementation is concerning for various reasons (e.g. relating to security, appropriate use of PHP/SQL, error-handling, etc.). What are some things you can identify as concerns, and how might you fix them using what we've learned about PHP/SQL so far?

```php
<?php
  include("common.php");
  $db = getPDO(); # assume defined in common.php

  $todo = $_GET["todo-name"];
  $author = $_GET["author"];
  $todo_type = $_GET["type"];
  $db->query("INSERT INTO Todos (todo, author, type)
              VALUES ('{$todo}', '{$author}', '{$todo_type}')");
  header("Content-type: text/plain");
  echo "Added {$todo} to {$author}'s Todo List!\n";
?>
```

Write your answer(s) below: