Exercise 2.4: Django Views and Templates

1. **Do some research on Django views. In your own words, use an example to explain how Django views work.**

   Whenever a user accesses a URL, Django views are the logic that connects that URL with the correct structure or template that is designated. Say you are going to see a movie. The URL you wanted to access would be your movie ticket, the view would be the theater you go to see that movie in, and the view would grab the correct movie (template) to show in that theater.

2. **Imagine you're working on a Django web development project, and you anticipate that you'll have to reuse lots of code in various parts of the project. In this scenario, will you use Django function-based views or class-based views, and why?**

   I would use class based views as they are the better option when you have a lot of reused code. Once you have defined a class with this system you can reuse it across all your apps saving you a ton of time and coding.

3. **Read Django's documentation on the Django template language and make some notes on its basics.**

   - A template can generate any text based file (HTML, XML, CSV, etc)
   - Templates are built out of variables, tags, and filters which determine the output and logic of the template
   - This allows templates to be dynamic if necessary
   - Template inheritance is a technique where you use base skeletons of pages and overwrite the blocks you wish to customize.