Reflection Questions

1. Explain how you can use CSS and JavaScript in your Django web application.
   a. Place the static files in a static directory within my app like so:
      {% load static %}
      <link rel="stylesheet" type="text/css" href="{% static 'css/style.css' %}">
      <script src="{% static 'js/script.js' %}"></script>

2. In your own words, explain the steps you'd need to take to deploy your Django web application.
   a. To deploy Django web application, first set up a production server. Then, configure settings for production, such as setting DEBUG to False and configuring a production database. Finally, push the code to the server and run the necessary commands to apply migrations and collect static files.

3. (Optional) Connect with a few Django web developers through LinkedIn or any other network. Ask them for their tips on creating a portfolio to showcase Python programming and Django skills. Think about which tips could help you improve your portfolio.

4. You've now finished Achievement 2 and, with it, the whole course! Take a moment to reflect on your learning:
   a. What went well during this Achievement?
      i. The integration and understanding of Django's framework, including models, views, and templates, went smoothly. I also successfully implemented key features like user authentication, form handling, and dynamic data rendering.
   b. What's something you're proud of?
      i. I'm proud of building a fully functional recipe application with a polished user interface. Additionally, I'm pleased with my ability to write comprehensive tests to ensure the application functions correctly.
   c. What was the most challenging aspect of this Achievement?
      i. The most challenging aspect was configuring the deployment settings and ensuring the application ran smoothly in a production environment. Debugging issues related to database configuration and static file handling also posed significant challenges.
   d. Did this Achievement meet your expectations? Did it give you the confidence to start working with your new Django skills?
      i. Yes, this Achievement met my expectations by providing a comprehensive understanding of Django development and deployment. It has given me the confidence to apply my new skills in real-world projects and further explore Django's capabilities.