

1. Suppose you're in an interview. The interviewer gives you their company's website as an example, asking you to convert the website and its different parts into Django terms. How would you proceed? For this question, you can think about your dream company and look at their website for reference.

If I were in an interview and asked to convert the company's website into Django terms, I would first analyze the website's structure, identifying its different components such as pages, navigation menus, forms, and content sections. Then, I would map these components to Django concepts such as models, views, templates, and URLs, ensuring a seamless transition from static content to dynamic Django-powered web pages.

2. In your own words, describe the steps you would take to deploy a basic Django application locally on your system.

To deploy a basic Django application locally, I would start by setting up a virtual environment to isolate dependencies. Then, I would install Django and create a new project using the command line. After configuring the project settings, I'd create my Django app, define models, views, and templates as needed. Finally, I'd run the development server to test the application locally.

3. Do some research about the Django admin site and write down how you'd use it during your web application development.

The Django admin site serves as a powerful tool for managing application data. During web application development, I would use the admin site to create, read, update, and delete records in the database without directly manipulating the database tables. This provides a user-friendly interface for site administrators to interact with the application's backend, allowing for easy content management and data administration.