

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. (Hint: In the Exercise, you saw the example of the CareerFoundry website in the Project and Apps section.)

-If for instance you were to take NASA's website you would consider the entirety of the website the project while the apps would consist of the different pages where the user can view different 'missions', 'learning resources', the 'about NASA' page etc.

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

-The first step is to create a virtual environment and to install django into it. Then through the command line create a new project with a given name to install the initial files. Then use the command line again to run migrations and create the database, after that you can run the server to ensure the initial install was successful. Next create a superuser for all admin tasks, and then focus on creating the apps necessary for the project.

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

-The admin site allows the user to Create, Read, Update and Delete on the model directly. This is very efficient and cuts down on development time.