

Python - Try Django Questions

Getting Started (Level 1)

01. What command would you use to start a new Django project called “FoodTracker”?
02. After navigating to the FoodTracker directory, what command would you use to make a new app called “main”?
03. While inside the FoodTracker directory, what command would you use to start running the project on a server?
04. Which of the following best describes the role of view in Django?
 - A. Views are used to display rendered data as HTML and CSS.
 - B. Views are used to store data that’s returned from model objects.
 - C. Views are used to run functions in response to specific URLs entered in the browser.
05. Which of the following best describes the role of templates in Django?
 - A. Templates hold user data and provide it to views.
 - B. Templates display data provided by views.
 - C. Templates store functions that can be used throughout an application.
06. Assuming the site is being hosted at <http://localhost:8000>, which of the following paths will patch the regular expression `r'^home'`?
 - A. <http://localhost:8000/home/argh>
 - B. <http://localhost:8000/argh>
 - C. <http://localhost:8000/home>
 - D. <http://localhost:8000>
07. How would you modify the regular expression `r'^home'` to match <http://localhost:8000/home> but to not match <http://localhost:8000/home/argh>?

Models (Level 3)

08. In your project folder, how would you create a migration file?
09. In your project folder, how would you apply a migration to the database?
10. In your project folder, how would you start up the Django Interactive Shell?
11. In your project folder, using the Django Interactive Shell, how would you import the Location model from the main app’s models?
12. In your project folder, using the Django Interactive Shell, how would you make a variable called `loc`, assign it to a new `Location()` object with the name “Blue Bob’s Brunch” and any values you want for the `flavors`, `num_franchises`, and `image` fields?
13. In your project folder, using the Django Interactive Shell, how would you save the `loc` variable you just made?

14. In your project folder, using the Django Interactive Shell, how would you query the Location model's objects to find all of them?
15. What command would you use to create a super user for your project?