**Python - Try Django Answers**

**Getting Started (Level 1)**

1. What command would you use to start a new Django project called “FoodTracker”?

**Answer: > django-admin startproject FoodTracker**

1. After navigating to the FoodTracker directory, what command would you use to make a new app called “main”?

**Answer: > python manage.py startapp main**

1. While inside the FoodTracker directory, what command would you use to start running the project on a server?

**Answer: > python manage.py runserver**

1. Which of the following best describes the role of view in Django?
2. Views are used to display rendered data as HTML and CSS.
3. Views are used to store data that’s returned from model objects.
4. Views are used to run functions in response to specific URLs entered in the browser.

**Answer: C. Views are used to run functions in response to specific URLs entered in the browser.**

1. Which of the following best describes the role of templates in Django?
2. Templates hold user data and provide it to views.
3. Templates display data provided by views.
4. Templates store functions that can be used throughout an application.

**Answer: B. Templates display data provided by views.**

1. Assuming the site is being hosted at <http://localhost:8000>, which of the following paths will patch the regular expression r’^home’?
2. [http://localhost:8000/home/argh](http://localhost:8000/home/blah)
3. [http://localhost:8000/argh](http://localhost:8000/blah)
4. <http://localhost:8000/home>
5. <http://localhost:8000>

**Answers: A. http://localhost:8000/home/argh and C. http://localhost:8000/home**

1. How would you modify the regular expression r’^home’ to match <http://localhost:8000/home> but to not match <http://localhost:8000/home/argh>?

**Answer: r’^home/$’**

**Models (Level 3)**

1. In your project folder, how would you create a migration file?

**Answer: > python manage.py migrate**

1. In your project folder, how would you apply a migration to the database?

**Answer: > python manage.py migrate**

1. In your project folder, how would you start up the Django Interactive Shell?

**Answer: >** **python manage.py shell**

1. In your project folder, using the Django Interactive Shell, how would you import the Location model from the main app’s models?

**Answer: >>> from main.models import Location**

1. 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?

**Answer: >>> loc = Location(name=”Blue Bob’s Brunch”, flavors=”Sweet, Salty, Creamy”, num\_franchises=129, image=”image\_path”)**

1. In your project folder, using the Django Interactive Shell, how would you save the loc variable you just made?

**Answer: >>> loc.save()**

1. In your project folder, using the Django Interactive Shell, how would you query the Location model’s objects to find all of them?

**Answer: >>> Location.objects.all()**

1. What command would you use to create a super user for your project?

**Answer: python manage.py createsuperuser**