Django Tutorial Part 2

Total points 9

1. These questions come from the Django project tutorial materials.

1 / 1 point

What is the default database backend for Django projects when they are first set up?

- ◉ sqlite3
- ○ MongoDB
- ○ MySQL
- ○ PostgreSQL
- ○ Oracle

✓ **Correct**

2. What file contains the list of INSTALLED_APPS in a Django project?

1 / 1 point

- ○ manage.py
- ○ apps.py
- ○ urls.py
- ○ views.py
- ◉ settings.py

✓ **Correct**

3. What does the "python manage.py migrate" command do?

1 / 1 point

- ○ Moves the application to a new server
- ○ Makes a backup copy of db.sqlite3
- ◉ Builds/updates the database structure for the project
- ○ Moves login sessions to the backing store

✓ **Correct**

4. What is the purpose of the models.py file?

1 / 1 point

- ○ To connect your database to the Django administration interface
- ◉ To define the shape of the data objects to be stored in a database
- ○ To make building views for your application simpler
- ○ To apply a regular expression to the incoming path in the request object

✓ **Correct**

5. What does the "sqlmigrate" option accomplish in a Django application?

- ⦿ It lets you see the SQL that will run to effect a migration
- ◯ It copies all of your SQL into a REST-based API
- ◯ It moves all of your non-SQL data into flat files
- ◯ It builds/updates the database structure for the project

✓ **Correct**

1 / 1 point

6. What does the __str__ method in a Django model accomplish?

- ◯ It indicates how strict the storage model will be in terms of column length
- ◯ It determines how the model will respond to stress
- ◯ It improves the strength of the binding between SQL and the model
- ⦿ It lets you specify how an instance of the model will be represented as a string

✓ **Correct**

1 / 1 point

7. What is the difference between the Django shell and a normal interactive Python shell?

- ⦿ The Django shell loads all of the project objects before starting
- ◯ You can run Django commands in a Python shell
- ◯ The Django shell uses JavaScript instead of Python
- ◯ Only the Python shell can print values

✓ **Correct**

1 / 1 point

8. What is the Django command to create a user/password for the admin user interface?

- ◯ MOVE CORRESPONDING INTO USER
- ⦿ createsuperuser
- ◯ INSERT INTO User;
- ◯ //SYSIN DD USER

✓ **Correct**

1 / 1 point

9. What file in a Django application do you edit to make sure a model appears in the admin interface?

- ⦿ admin.py
- ◯ module.py
- ◯ sakaiger.py
- ◯ views.py

✓ **Correct**

1 / 1 point

Model View Controller

Total points 7

1. Which of these might you find in the View of a Django MVC application? **1 / 1 point**

   ◉ HTML
   ○ SQL
   ○ Python
   ○ PHP

   ✓ **Correct**

2. Which of these might you find in the Model of a Django MVC application? **1 / 1 point**

   ○ HTML
   ◉ SQL
   ○ Python
   ○ PHP

   ✓ **Correct**

3. Which of these might you find in the Controller of a Django MVC application? **1 / 1 point**

   ○ HTML
   ○ SQL
   ◉ Python
   ○ PHP

   ✓ **Correct**

4. Which of the following is typically the first task when handing an incoming HTTP request in web server code? **1 / 1 point**

   ◉ Handle check the input data
   ○ Store the input data
   ○ Retrieve any needed data for the View
   ○ Produce and return the HTTP Response

   ✓ **Correct**

5. Which of the following files does Django consult first when it receives an incoming HTTP Request?   1 / 1 point

- ⦿ urls.py
- ○ views.py
- ○ models.py
- ○ forms.py
- ○ templates/polls/main.html

✓ **Correct**

6. Which of the following files in a Django application most closely captures the notion of "View"?   1 / 1 point

- ○ urls.py
- ○ views.py
- ○ models.py
- ○ forms.py
- ⦿ templates/polls/main.html

✓ **Correct**

7. Which file represents the "Controller" aspect of a Django application?   1 / 1 point

- ○ views.py
- ○ forms.py
- ⦿ More than one file
- ○ models.py

✓ **Correct**