

Templates and Views

Total points 8

1. What does the built-in Django template tag "lorem" do?

1 / 1 point

- ☒ Displays random "lorem ipsum" Latin text
- ☐ Returns true if there are learning objects on the page
- ☐ Displays the overall number of learning objects
- ☐ Displays the number of remaining learning objects

✓ Correct

2. What does the built-in Django template tag "spaceless" do?

1 / 1 point

- ☒ Removes whitespace between HTML tags
- ☐ Returns true if the text will fit in a smaller space
- ☐ Shows data with a dark blue background and white text
- ☐ Uses a smaller font so text fits into the available space

✓ Correct

3. What does the built-in Django template tag "url" do?

1 / 1 point

- ☐ Encodes the provided string using the URL encoding rules
- ☐ Checks if the provided string is a valid URL
- ☒ Returns an absolute path reference matching a given view and optional parameters
- ☐ Emits an anchor (a) tag in the HTML

✓ Correct

4. What built-in Django template filter capitalizes the first character of the value?

1 / 1 point

- ☐ toUCFirst
- ☒ capfirst
- ☐ toupper
- ☐ ucfirst

✓ Correct

5. What does the built-in Django template filter "length" do?

1 / 1 point

- ☒ Returns the length of a list or string
- ☐ Returns the number of words in a string
- ☐ Returns the length of a list but not the length of a string
- ☐ Returns the number of characters produced by the template up to this point
- ☐ Returns the length of a string but not the length of a list

✓ Correct

7. Looking at the Django built-in template and filter documentation, the author seems to have a pet named "Joel". What kind of animal is their pet?

1 / 1 point

- ☐ A bearded gecko
- ☒ A slug
- ☐ A dog
- ☐ A cat

✓ Correct

8. What does the Django built-in template tag `forloop.counter` represent in a Django template?

1 / 1 point

- ☐ The number of iterations from the end of the loop (0-indexed)
- ☐ The current iteration of the loop (0-indexed)
- ☐ The number of iterations from the end of the loop (1-indexed)
- ☒ The current iteration of the loop (1-indexed)

✓ Correct

Tutorial 3

Total points 11

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

1 / 1 point

When you see a path with the following pattern in `urls.py`, `path('<int:question_id>/', views.detail, name='detail')`, where in the code does the `question_id` value parsed from the URL end up?

- ☒ As an additional parameter to the `detail()` view
- ☐ As a global variable in `views.py`
- ☐ In the context that is passed to the render engine
- ☐ As part of the database connection used by the model
- ☐ In the cookies structure

✓ Correct

2. What kind of data is passed into a view in the 'request' object?

1 / 1 point

- ☒ Information about the incoming HTTP request from the browser
- ☐ A list of all the models available to the application
- ☐ All the possible combinations of context variables
- ☐ All of the global Python variables

✓ Correct

3. Which of the following SQL commands will be run by the `Question.objects.values()` statement in a view function?

1 / 1 point

- ☒ SELECT
- ☐ INSERT
- ☐ UPDATE
- ☐ DELETE

✓ Correct

4. How do you indicate that a particular question cannot be found in a detail view?

1 / 1 point

- ☒ Raise an `Http404` exception
- ☐ Send back an `HttpResponse` with the text 'not found'
- ☐ Send back a blank page
- ☐ Raise an `Http500` exception

✓ Correct

5. How do you retrieve only the first five objects in a table using a Django model query?

1 / 1 point

- ☒ Add `[:5]` to the end of the model query
- ☐ Add a `LIMIT` clause to the retrieved SQL
- ☐ Retrieve all the records and then write a loop to discard all but the first 5
- ☐ Use an SQL `DELETE` to remove all the records beyond the first 5

✓ Correct

6. In Django, why do we add an extra folder (i.e., namespace) our templates?

1 / 1 point

- ☒ To make sure there is not a conflict with a template of the same name in a different application
- ☐ To make it harder to find and edit template files
- ☐ To make sure that no other application can use a template file
- ☐ To make it impossible to extend a template from one application in another application

✓ Correct

7. What is the difference between a list view and detail view?

1 / 1 point

- ☒ A list view shows multiple items and a detail view shows only one item
- ☐ A list view lists all the fields in a model item and the detail view focuses on one field
- ☐ A list view throws a 404 error but a detail view never throws a 404 error

✓ Correct

8. What is a "404" error?

1 / 1 point

- ☒ It tells a browser that it did not get the page it was looking for
- ☐ It tells the browser that it needs to redirect to another url
- ☐ It tells the browser that it lacks the necessary authorization to view the requested page
- ☐ It tells the browser that something unexpected and bad happened inside the server as it was fulfilling the request

✓ Correct

9. In Django, what is the default language used in HTML template files?

1 / 1 point

- ☒ DTL - Django Templating language
- ☐ Handlebars
- ☐ Moustache
- ☐ HAML
- ☐ VTL - Velocity Templating Language
- ☐ JSP - Java Server Pages

✓ Correct

10. If the "get_object_or_404()" helper function finds the requested item, it returns the item. What happens if it cannot return the item?

1 / 1 point

- ☒ It raises an Http404 exception
- ☐ It returns -1
- ☐ It returns False
- ☐ It returns an empty object

✓ Correct

11. Why do we name space URL names using the "app_name" variable in the urls.py file?

1 / 1 point

- ☒ In case we have multiple applications with the same named path
- ☐ To make it harder to write the urls.py file
- ☐ To make sure that no other application can access our local paths
- ☐ To make it impossible reference a path from one application in another application

✓ Correct