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Welcome Yuzhan Jiang from SI 664 001 WN 2022

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1. ✓ These questions come from the Django project tutorial materials. 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 part of the database connection used by the model
  - ☐ As a global variable in `views.py`
  - ☒ As an additional parameter to the `detail()` view
  - ☐ In the context that is passed to the render engine
  - ☐ In the cookies structure
2. ✓ What kind of data is passed into a view in the 'request' object?
- ☐ All of the global Python variables
  - ☒ 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
3. ✓ Which of the following SQL commands will be run by the `Question.objects.values()` statement in a view function?
- ☐ DELETE

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- ☒ SELECT
  - ☐ INSERT
  - ☐ UPDATE



4. ✓ How do indicate that a particular question cannot be found in a detail view?
- ☐ Raide an Http500 exception
  - ☒ Raise an Http404 exception
  - ☐ Send back an HttpResponse with the text 'not found'
  - ☐ Send back a blank page
5. ✓ How to retrieve only the first five objects in a table using a Django model query?
- ☐ Use an SQL DELETE to remove all the recrds beyond the first 5
  - ☒ 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
6. ✓ In Django, why do we add an extra folder (i.e. namespace) our templates?
- ☐ To make it impossible to extend a template from one application in another application
  - ☒ 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
7. ✓ What is the difference between a list view and detail view?
- ☐ A list view lists all the fields in a model item and the detail view focuses on one field
  - ☒ A list view shows multiple items and a detail view shows only one item
  - ☐ A list view throws a 404 error but a detail view never throws a 404 error
8. ✓ What is a "404" error?
- ☐ It tells the browser that something unexpected and bad happenned inside the server as it was fulfilling the request
  - ☒ It tells a browser that it did not get the page it was looking for
  - ☐ It tells the browser that it needsto redirect to another url

Done ☐ It tells the browser that it lacks the necessary authorization to view the requested page



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

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

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?

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

11. ✓ Why do we namespace URL names using the "app\_name" variable in the urls.py file?

- ☐ To make it impossible reference a path from one application in another application
- ☒ 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