

Tutorial 4

Total points 7

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

1 / 1 point

What is stored in the variable `request.POST`?

- ☒ A dictionary-like object that lets you access submitted POST data
- ☐ The name of the model to store an extra copy of the incoming data
- ☐ The code that runs after a view method is complete
- ☐ The next page to redirect the browser to after the processing is complete

✓ Correct

2. What does the `django.urls.reverse()` function do?

1 / 1 point

- ☐ It reverses the order of the characters in a string
- ☐ It sends a 404 error if the record cannot be loaded
- ☐ It sends the POST data back to the browser if there is an error
- ☒ It constructs the path to a view using the name of a path entry in `urls.py`

✓ Correct

3. What happens if you access a detail view like `results()` in Django tutorial 4 and provide a key that does not exist on the URL?

1 / 1 point

- ☐ The record is automatically created but left empty
- ☒ You get a 404
- ☐ You get a 200
- ☐ The server crashes and sends you a 500

✓ Correct

4. In the `polls/templates/polls/detail.html` file in Django tutorial 4, what happens if you leave out the `csrf_token` line in the form?

1 / 1 point

- ☐ The form will look strange in the user's browser
- ☐ The server will not know which object to retrieve once the POST data is sent
- ☐ The favicon will not show up properly in the title bar
- ☒ The POST data will be blocked by the server

✓ Correct

5. In the polls/templates/polls/detail.html file in Django tutorial 4, which bit of code tells the view that will receive the POST data which question to associate this vote with?

1 / 1 point

- ☐ choice.choice_text
- ☒ url 'polls:vote' question.id
- ☐ forloop.counter
- ☐ question.question_text

✓ Correct

6. Which HTTP method is used when sending data to the server that will modify or update data?

1 / 1 point

- ☐ 200
- ☐ 404
- ☐ GET
- ☒ POST

✓ Correct

7. What does the Django template filter "pluralize" do?

1 / 1 point

- ☐ It converts a word to the plural form depending on the user's selected language
- ☐ It splits a string using a specific delimiter character
- ☐ It returns a random item from the given list
- ☒ It emits an 's' if the value is > 1

✓ Correct

Forms and HTML

Total points 10

1. Which of the following HTTP methods adds form data to the URL after a question mark?

1 / 1 point

- ☒ GET
- ☐ POST
- ☐ 200
- ☐ 404

✓ Correct

2. Which of the following HTTP methods is recommended for sending data to the server that will modify a model?

1 / 1 point

- ☐ GET
- ☒ POST
- ☐ 200
- ☐ 404

✓ Correct

3. Which of the following Python types is most like the request.POST data in Django?

1 / 1 point

- ☒ dictionary
- ☐ list
- ☐ string
- ☐ tuple

✓ Correct

4. How does the browser send form data to the server when sending a POST request?

1 / 1 point

- ☒ Using the socket after the request headers have been sent
- ☐ Using a second socket connection
- ☐ At the end of the Content-Type request header
- ☐ Appended to the URL after a question mark

✓ Correct

5. When using the password field type in HTML, the data is encrypted before it is sent to the server.

1 / 1 point

- ☐ True
- ☒ False

✓ Correct

6. There is no way the end user can see the actual data stored in a password form field.

1 / 1 point

- ☐ True
- ☒ False

✓ Correct

7. How do radio buttons in HTML associate with each other?

1 / 1 point

- ☒ They use the same name parameter
- ☐ They come right after one another in the HTML
- ☐ They are part of a radio-group tag
- ☐ They must be in the same paragraph (p tag)

✓ Correct

8. What HTTP response code is sent to a browser when a missing or incorrect CSRF value is detected by Django?

1 / 1 point

- ☒ 403
- ☐ 302
- ☐ 500
- ☐ 200

✓ Correct

9. What HTTP code is sent to the browser to redirect it to another page?

1 / 1 point

- ☒ 302
- ☐ 200
- ☐ 403
- ☐ 500

✓ Correct

10. Why do we consider the POST-Redirect-GET pattern best practice?

1 / 1 point

- ☒ To avoid triggering the browser double-POST popup
- ☐ To handle files as attachments
- ☐ To make sure that cookies are not stolen
- ☐ To validate incoming data in a form

✓ Correct