

1. What are the benefits of using pipenv? Choose all that apply.

1 / 1 punto

☒ It manages the dependencies



Correcto

That's correct. Using pipenv you can manage the dependencies for your project.



It makes your project run faster



It creates a virtual environment for your project



Correcto

That's correct. Pipenv automatically creates a virtual environment and installs all the dependencies inside it.



It makes your project more secure

2. What is the default port number used by Django webserver?

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443



8000



8001



Correcto

That's correct. 8000 is the default port number used by the Django webserver when you apply this command `python manage.py runserver` inside a Django project directory.

3. What does the following command do?

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`python manage.py startapp`



It creates a Django project



It creates a new Django app



It installs Django



Correcto

That's correct. You can use this command inside a Django project to create a new Django app following the application name. If your app name is `LittleLemonAPI`, then you will have to apply this command `python manage.py startapp LittleLemonAPI`

4. Authentication and authorization are the same thing.

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- ☐ True
☒ False



Correcto

That's correct. Authentication and authorization are different things, and they play a very important role in securing your project. Authentication checks if the user can enter the system, and authorization checks if the authenticated user has the appropriate privilege to perform a task.

5. Which of the following HTTP status codes are used to indicate client-side and server-side errors? Choose all that apply.

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- ☐ 301 - Moved Permanently
☒ 503 - Service Unavailable



Correcto

That's correct. This code is used when the server is down or cannot handle the request due to overloading.



403 - Forbidden



Correcto

That's correct. This code is used when client credential like the username and password, or the token is not valid.



201 - Created



404 Not Found



Correcto

That's correct. This code is used when someone requests a non-existing item.

6. What are the valid **Accept** headers for requesting XML content? Choose all that apply.

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application/xml



Correcto

That's correct. A client can send the Accept: application/xml header to request XML content from the server.



text/xml



Correcto

That's correct. This is a valid header for requesting XML content from the server.



application/x-xml

- ☐ **application/xml-content**
- ☐ **code/xml**

7. What can lead to data corruption in an API project? Choose all that apply.

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- ☐ Lack of caching
- ☒ Lack of authorization
- ☒ Correcto
That's correct. The lack of a solid authorization layer can lead any user with a valid authentication token to access any API endpoints and they will be able to modify the data.
- ☒ Lack of authentication
- ☒ Correcto
That's correct. Without authentication anyone can get in and modify the data.
- ☐ Lack of throttling
- ☒ Lack of data validation and sanitization
- ☒ Correcto
That's correct. Incorrect or malformed data may be stored in the database without proper data validation. Lack of sanitization can create security threats which can also corrupt the data.

8. Which of the following statements are valid for Insomnia? Choose all that apply.

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- ☒ It's a REST API Client
- ☒ Correcto
That's correct. You can use Insomnia to make HTTP requests.
- ☒ Insomnia can send different types of payloads
- ☒ Correcto
That's correct. While making an API call, you can send different types of payloads like JSON, Form URL Encoded Data using Insomnia.
- ☐ Insomnia has a mobile client
- ☐ Insomnia has a command line tool
- ☒ Insomnia is cross-platform
- ☒ Correcto
That's correct. You can download Insomnia for multiple operating systems like Windows, macOS and Linux.

9. Which of the following API clients/tools has both web and desktop versions?

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- ☒ Postman
- ☐ Curl
- ☐ Insomnia



Correcto

That's correct. Postman comes with a desktop app and offers a web version that can be used in your browser to make API calls.

10. What is the purpose of renderer classes in DRF?

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- ☐ Convert model instance to native Python data types
- ☒ Convert serialized data to display as HTML, XML and JSON
- ☐ Quickly scaffold a CRUD API project



Correcto

That's correct. DRF comes with a few built-in renderer classes to convert serialized data and display it in various formats. You can also use third-party renderers in DRF.