Congratulations! You passed!

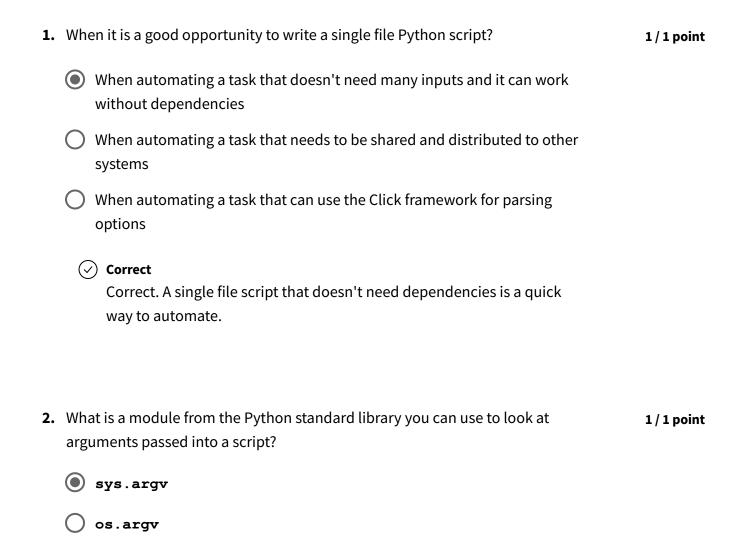
GradeLatest Submission
received 100%
Grade 100%
higher

Go to next item

os.args

 (\checkmark) Correct

Correct!



3. When is it a good time to use a command-line tool framework like ArgParse?

1/1 point

	When wanting to handle different options, values, and flags	
	When wanting to distribute the script to other systems and users	
	When packaging a script for publishing	
	Correct Correct. When multiple options, values, and flags need to be handled, it is easier to use a framework rather than parsing them yourself.	
4.	What is a good way to use external dependencies in a command-line tool?	1/1 point
	O By creating a Python package and including the dependencies in the same package	
	Declaring them in a setup.py file that can optionally read them from	
	requirements.txt	
	By declaring them in a README . md file as well as the help menu of a tool, so that users can install the dependencies needed.	
	Correct! Using packaging tools like setup.py will allow you to declare dependencies so that they are automatically installed in user's system.	
5.	When packaging a Python command-line tool, does the code need to be in a directory? Or can it be a single file?	1/1 point
	It can be both. There is no hard requirement when packaging a tool.	
	The code for a command-line tool can be in a single file. A directory is only useful for complex services.	
	A command-line tool must always go in a directory so that other supporting files can be added.	

6.	What are some of the key differences between the Click framework and the 1/1 point Argparse framework for building command-line tools?					
	The Click Python framework is designed to be more user-friendly than the argparse framework. It also offers more features, and it is easier to extend.					
	О T					
	O T					
	\oslash	Correct!				
7.	What	1 / 1 point				
	\bigcirc	1. Ability to deploy easily				
		2. Easily create and share internal workflows				
		3. Integrate with other services				
		4. Access to a community of users				
	0	1. Ability to replace tools like Puppet, Chef, or Ansible				
		Elasticity: ability to scale up or down as needed depending on demand				
		 You can use GitHub Actions for a variety of purposes like storage, computing, or even networking 				
		4. Access to a community of partners				
	()	Ability to automate tasks				
		2. Easily create and share workflows				
		3. Integrate with other services				
		4. Access to a community of users				
	\oslash	Correct!				

8.	What are two benefits of using the Flask framework?					
	0	1.	It includes a powerful database library (Object Relational Mapper) to interact with the database easily.			
		2.	It is well supported by the community as one of the most popular frameworks for Python			
	()	1.	It is an easy framework to use for building HTTP APIs			
		2.	It is well supported by the community as one of the most popular frameworks for Python			
	\bigcirc	1.	It is an easy framework to use for building HTTP APIs			
		2.	It comes with an optional admin interface for interacting with the database directly			
	\oslash		rrect rrect!			
9.	• What is one good reason to use the FastAPI framework? 1/1po					
	It uses type hints that allow to detect common errors in HTTP APIs when handling requests					
	It has one of the fastest request-handling processes which increases performance when deployed					
	It makes it very easy to handle multi-threaded requests for increased performance					
	\bigcirc		rrect rrect!			
10	. What	are	common usages of POST GET and PUT HTTP requests?	1 / 1 point		
	0	1.	POST is for updating an existing resource			
		2.	GET is for read-only requests, usually to update data			
		3.	PUT is to download and existing resource			

- 1. **POST** is for creating a resource
- 2. **GET** is for read-only requests, usually to retrieve data
- 3. **PUT** is to update an existing resource
- 1. **POST** is for updating an existing resource
 - 2. **GET** is for read-only requests, usually to read data
 - 3. **PUT** is to create a new resource
 - **⊘** Correct

Correct!