

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

☐ E

- A. Only 1,3 and 4 ✓
- B. Only 1 and 4
- C. All 4 are supported.
- D. Only 1 and 4
- E. Only 1,2 and 3

Back

Next

Which of the following methods are supported in an API endpoint created with Flask?

1. GET
2. AUTHENTICATE
3. POST
4. DELETE

There are 50 questions, and your progress of answering is

Answer

(Choose 2 answers)

☐ A

☐ B

☐ C

☐ D

A. Separates VMs logically and assigns each a share of the underlying computing power, memory, and storage. ✓

B. Enable multiple operating systems to run alongside each other, sharing the same physical computing resources. ✓

C. Facilitate access to mainframes for multiple users to access the same data storage layer.

D. Scale on demand to support fluctuating workloads.

Back

Next

What tasks do hypervisors accomplish? Select two.

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. 1+2

B. '3'

C. 3

D. '12' ✓

Back

Next

In Python, what is the result of the following operation: '1'+2' ?

There are 50 questions, and your progress of answering is


Answer

(Choose 1 answer)

☐ A

☐ B

A. True

B. False 

Back

Next

One method can have only one route decorator. True or False?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☒ C

☐ D

A. The python script should be packaged in a directory with `__init__.py` in the same directory 

B. The methods in the script should be defined as public method

C. A folder with `server.py`

D. `import sys` as the first line of code in the python script.

Back

Next

To package a python script in a package to be able to import and use it, which of the following is required.

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. Lookup web services

B. Access a URL

C. Map to a web resource path

D. Parse through a network path

Back

Next

The Node.js framework treats HTTP requests at a lower network level. In contrast, Express app class for what purpose?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. Unique physical locations with one or more data centers

B. Geographic area or region where cloud provider's infrastructure is clustered

C. Standardized containers of computing resources

D. Single shared point of failure

Back

Next

Each Cloud Region can have multiple Zones (also known as Availability Zones). What are

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. It indicates the condition under which the data should be deleted; for example, which rows should have their contents deleted.

B. It specifies the server where the database is located.

C. It specifies where to find the data to delete, by column number and row number.

D. It limits the amount of data that is deleted to a certain number of characters.

Back

Next

When using the DELETE statement to remove data from a database, what does the WHERE clause do?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

☐ E

A. Mike

B. Stop Mike

C. Mike Mike

D. Go Mike

E. Go Go



Back

Next

What is the output of the following code?
x='Go'

```
if(x=="Go"):
```

```
    print('Go ')
```

```
else:
```

```
    print('Stop')
```

```
print('Mike')
```

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)


☐ A

☐ B

☐ C

A. Append the file "Example1.txt"

B. Write to the file "Example1.txt"

C. Read the file "Example1.txt" 

Back

Next

What do the following lines of code do?
with open("Example1.txt","r") as file1:

```
FileContent=file1.read()
```

```
print(FileContent)
```

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. <!-- This is a comment --> ✓

B. /*This is a comment*/

C. #This is a comment

D. ""This is a comment""

Back

Next

How are comments written in HTML?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. SELECT country FROM author LIMIT DUPLICATES

B. SELECT DISTINCT(country) FROM author ✓

C. None of the above

D. SELECT country FROM author ORDER BY 1

Back

Next

Which SELECT statement eliminates duplicates in the result set?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. Database table

B. Table cell

C. Table row

D. Table column

Back

Next

When you create an object (an instance of a class) in Django, what does it represent?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. Non-blocked operations return in a synchronized manner with added processing time on the server

B. Blocked operations return immediately without added processing time on the server

C. Applications block every network operation to complete at the same time on the server

D. Non-blocked operations return immediately without added processing time on the server ✓

Back

Next

What best describes the network operations that Node.js makes?

There are 50 questions, and your progress of answering is

Answer

(Choose 2 answers)

☐ A

☐ B

☐ C

☐ D

A. The speed with which applications can be up and running on the cloud versus months on traditional platforms, means enterprises can experiment, fail fast, learn, and course correct without setting them back significantly. ✓

B. The pay-as-you-go model allows enterprises to experiment with technologies as opposed to making long-term decisions based on little or no trial. ✓

C. Diversity of standardization in how the constantly evolving technologies integrate and interoperate.

D. Data security associated with loss or unavailability of data causing business disruption

Back Next

What are some of the cloud benefits that make it lower-risk for enterprises to adopt cloud

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. A programming organization

B. A communication standard

C. A standardized name for JavaScript

D. A regulated name for JSON



Back

Next

What is EcmaScript or ES?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. Verifies that a Secret was created

B. Mounts a file using the volumes plugin

C. Provides sensitive information to your application

D. Provides variables for your application



Back Next

What does a ConfigMap do?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. Centralized

B. Remote

C. Distributed

D. Local



Back

Next

What type of version control system is Git?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)


☐ A

☐ B

☐ C

☐ D

A. No, it is not possible—VMs are software-based versions of a single host. They cannot have different environments from one another

B. Yes, Virtualization makes it possible— to have VMs, running different operating systems, on a single host. 

C. Yes, Containerization makes it possible—to have VMs that are unique physical entities, so you can have completely different Operating Systems on them.

D. No, it is not possible—A single host can only work as one single virtual environment, and can, therefore, have only one environment.

Back

Next

Is it possible to run completely different operating systems on Virtual Machines (VMs) the host? If yes, what makes this possible?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. Code

B. Configure

C. Operate

D. Deploy



Back

Next

Which phase of the Twelve-Factor Methodology contains Port binding?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. When components are created or mounted on the DOM

B. When a user clicks the mouse or presses the keyboard

C. When the component is removed from the DOM

D. When the state of the component first changes

Back

Next

When does a component lifecycle start?

There are 50 questions, and your progress of answering is

Answer


(Choose 1 answer)

☐ A

☐ B

☐ C

A. `a=np.array([1,2,1,1,1]) a+10`

B. `a=np.array([1,1,1,1,1]) a+10` 

C. `a=np.array([1,1,1,1,1]) 11-a`

Back

Next

What line of code would produce the following: `array([11, 11, 11, 11, 11])`?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. `array([[1, 0], [0, 1]])`

B. `array([[1, 0], [1, 1]])`

C. `array([[1, 1], [1, 1]])` ✓

D. `array([[0, 1], [1, 1]])`

Back

Next

What is the value of Z after the following code is run?

```
X=np.array([[1,0],[0,1]])
```

```
Y=np.array([[0,1],[1,0]])
```

```
Z=X+Y
```

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)


☐ A

☐ B

☐ C

☐ D

A. git-remove -v

B. git-push 

C. git-add

D. git-commit -m

Back

Next

You need to run three commands to push local changes to the GitHub repository. What i

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. XML-JS

B. Async.js

C. Express.js

D. xml2js ✓

Back

Next

Which Node.js package can parse a string of XML elements into a JavaScript object?

There are 50 questions, and your progress of answering is

Answer


(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. Apply a YAML file with the 'kind' attribute set to 'ReplicaSet'. 

B. Use the 'get pods' command.

C. Use the 'scale' command to scale the deployment.

D. Apply a JSON file that includes the number of desired replicas.

Back

Next

How do you create a ReplicaSet from scratch?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. <label>

B. <title>

C. <legend> ✓

D. <caption>

Back

Next

Which of the following tags define a caption for a <fieldset> element?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. CSS

B. HTML

C. Web API

D. Browser



Back

Next

Which of the following is a back-end technology?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. Render

B. componentWillMount

C. componentWillUnmount

D. componentDidMount 

Back

Next

Which function is invoked right after the component is mounted on the DOM?

There are 50 questions, and your progress of answering is

Answer


(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. A database is a logically coherent collection of data with some inherent meaning 

B. All of the above

C. Only SQL can be used to query data in a database

D. Data can only be added and queried from a database but not modified

Back

Next

Which of the following statements about a database is/are correct?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. Merges

B. Saved changes

C. Tags

D. Pull requests



Back

Next

On GitHub, what are commits?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. `` ✓

B. `image name`

C. `<image>link_to_image</image>`

D. `<figure src="image URL">image name</figure>`

Back

Next

Which of the following statements embeds an image in an HTML document?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

- ☐ A
- ☐ B
- ☐ C
- ☐ D
- A. (1) Build and deploy applications from source code. (2) Deploy container image-based applications and (3) REST APIs
- B. (1) SCP, (2) TCP, and (3) HTTP
- C. (1) Build and deploy applications from source code. (2) Deploy container image-based applications, and (3) Run Jobs ✓
- D. (1) Run REST APIs, (2) Build and Run Source Code, and (3) Run Jobs

Back

Next

What are the three deployment modes of IBM Cloud Code Engine?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. No, containers work on many types of operating systems and platforms.

B. Yes, containers only work on Linux-based operating systems and platforms.

C. No, containers don't run on operating systems or platforms.

D. Yes, containers only work on Windows-based operating systems and platforms.

Back

Next

Do containers have to be on a specific operating system or platform?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. A Kubernetes capability that mounts a chosen storage system

B. A Kubernetes capability that applies automatic changes

C. A Kubernetes capability that scales workloads based on metrics or commands

D. A Kubernetes capability that performs container auto-placement based on resource requirements and conditions without sacrificing high availability ✓

Back

Next

What is automated bin packing?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. Building container image with DockerHub and Buildpack.

B. Building container image with Dockerfile and Buildpack. ✓

C. Building container image with Github Action and DockerHub.

D. Building container image with Dockerpack and Buildpack.

Back

Next

What are the two main application-building methods supported in IBM Cloud Code Engin

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. All modern browsers support JavaScript.

B. You can use a text editor to develop JavaScript applications.

C. The language syntax resembles Java.

D. JavaScript is an interpreted language. ✓

Back

Next

What quality makes it possible for you to run JavaScript applications without compiling?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. MVC has a Model

B. The Django framework or Django server itself acts as controller

C. MVT has a View

D. There is no difference



Back Next

Which is one of the differences between the Django MVT and the MVC design pattern?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. git-merge upstream/master

B. git-pull downstream

C. git-fetch upstream

D. git-pull upstream



Back

Next

When managing forks, which command can you use to fetch and merge the remote bran

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. Keep running even when there are no requests

B. Let you define your infrastructure

C. Be stateful

D. Scale automatically and independently as required

Back

Next

Which one is the key characteristic of a function in FaaS model?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. The python script should be packaged in a directory with `__init__.py` in the same directory

B. The methods in the script should be defined as public method

C. A folder with `server.py`

D. `import sys` as the first line of code in the python script.

Back

Next

To package a python script in a package to be able to import and use it, which of the follo

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

- ☐ A
- ☐ B
- ☐ C
- ☐ D
- A. Assigns newly created Pods to nodes
- B. Maintains the intended Cluster state by making decisions about the Cluster and detecting and responding to events in the Cluster
- C. Shares all the resources of a node
- D. Contains Pods



Back

Next

What does a control plane do?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. Host business logic

B. Provide scaling

C. Host static content and scripts

D. Store data



Back

Next

What is the responsibility of the Front End in a Serverless Architecture?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

A. True

B. False ✓

Back

Next

The python code will throw runtime error if pylint is not run before executing the file.

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. function_test

B. test 

C. It has not prefix

D. unit_test

Back

Next

The prefix to the filename where you write the test cases is:

There are 50 questions, and your progress of answering is

Answer

(Choose 2 answers)

☐ A

☐ B

☐ C

☐ D

☐ E

A. Fixed layouts are independent of screen sizes, and their values do not change

B. Elements in a fluid layout have flexible widths and heights

C. Fluid layouts should always be used when designing a website

D. A fixed layout specifies element sizes using percentages

E. Select all of the following which are true in describing a fluid and/or fixed layout.

Back Next

Select ALL of the following which are true in describing a fluid and/or fixed layout.

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. JavaScript

B. HTML

C. CSS

D. Git



Back Next

Which of the following adds interactivity and dynamic content to a website?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. Node.js

B. JavaScript

C. The XML editor

D. Facebook



Back Next

Facebook provides the Create React App to simplify creating React apps. What must be run `npx create-react-app` with the name of the app you want to create?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. Accessibility messages

B. Complex UIs ✓

C. Error messages

D. AI questions

Back

Next

React is an open-source library created and maintained by Facebook and community developers. It is mainly used to build?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. A, B, and C only

B. A and B only

C. A only

D. A, B, C, and D



Back

Next

Which of these are full-service cloud platforms?

- A. IBM Cloud
- B. Amazon Web Services
- C. Google Cloud Platform
- D. Microsoft Azure

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. GitHub issues a push request for the owner.

B. GitHub makes a pull request. ✓

C. GitHub generates an error message.

D. GitHub undoes the changes.

Back

Next

What happens if you make a change on a repository branch that you don't own?

There are 50 questions, and your progress of answering is

Answer

(Choose 1 answer)

☐ A

☐ B

☐ C

☐ D

A. Lookup web services

B. Access a URL

C. Map to a web resource path

D. Parse through a network path



Back

Next

The Node.js framework treats HTTP requests at a lower network level. In contrast, Express app class for what purpose?