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Courses » Introduction to Modern Application Development



Announcements

Course

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Progress

Discourse forum

Unit 7 - Week 6

- Advanced Databases and Introduction to iOS



1 point

1 point

Course outline

How to access the portal?

Week 1 Lectures: Introduction to the Internet

Week 2 lectures: **Building your** webapp

Week 3 Lectures: **Databases**

Week 4: Introduction to security for webapps

Week 5 - Android **Application** Development

Week 6 -Advanced **Databases** and Introduction to iOS

- O Module 19: Introduction to iOS
- O Module 20: The API economy
- Module 8: Understanding database performance
- O Module 10: Database security, backup & recovery
- O Module 11: Analytics & Views

Assignment 6

The due date for submitting this assignment has passed. Due on 2018-03-21, 23:59 IS As per our records you have not submitted this assignment.

(no negative marking, more than one options may be correct)

- 1) Which of the following activities are part of vertical scaling?
 - Increase the RAM size of the machine

 - Increase CPU capacity and adding multiple cores for parallel processing
 - Improve the disk storage capacity and I/O operations per second of the machine
 - None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

Increase the RAM size of the machine Increase CPU capacity and adding multiple cores for parallel processing Improve the disk storage capacity and I/O operations per second of the machine

- 2) Which of the following statements are correct:
 - We should scale the database when the performance of the app starts degrading
 - We should typically build our application for scale from the beginning
 - We should scale our database when there is a rapid growth in data size
 - We should worry about scaling when resource consumption is very high
- No, the answer is incorrect.

Score: 0

Accepted Answers:

We should scale the database when the performance of the app starts degrading We should scale our database when there is a rapid growth in data size We should worry about scaling when resource consumption is very high

- 3) What are the common methods of backing up your data?
 - Exporting the entire database into one large file
 - Replicating data from one DBMS instance to another
 - Both of the above
 - None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

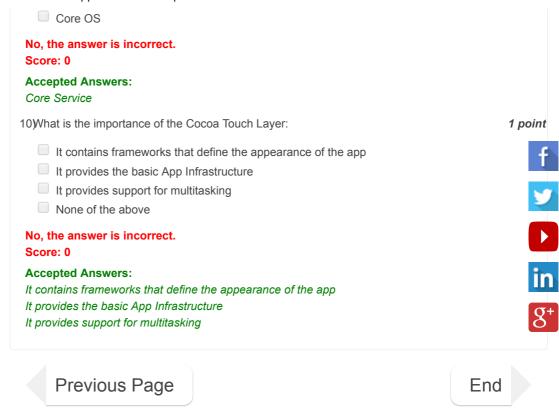
Both of the above

4) What do you mean by database performance?

1 point

1 point

Module 12: Scaling a database	Time taken to connect to the database Time required by the DBMS to write to or read from the database Both of the above	
Module 17: SQL & NoSQL	None of the above	
systems Quiz:	No, the answer is incorrect. Score: 0	
Assignment 6	Accepted Answers:	
Week 6 Feedback	Both of the above	f point
Week 7: Modern	5) Why are APIs becoming very important for businesses?	point
Development		
Practices	APIs can expose extremely specific data or functionality that can become part of another	
Week 8 -	application	
Concluding Lectures	APIs help you interact with systems through a fixed UI interface APIs have zero failures	in
Download	No, the answer is incorrect.	g+
Download	Score: 0	O
	Accepted Answers: APIs can expose extremely specific data or functionality that can become part of another application.	ation
	6) Which of the following are functions of the App Delegate:	point
	Creating a window where the app content is drawn	
	Creating core app objects	
	Both of the above	
	None of the above	
	No, the answer is incorrect. Score: 0	
	Accepted Answers: Creating a window where the app content is drawn	
	7) What does the UI Application Main function do?	point
	Loads the user interface	
	Starts the run loop	
	Neither 1 nor 2	
	Both 1 and 2	
	No, the answer is incorrect. Score: 0	
	Accepted Answers:	
	Both 1 and 2	
	8) What architecture do iOS frameworks use:	point
	MVC	
	MVP	
	□ VIPER	
	No, the answer is incorrect. Score: 0	
	Accepted Answers: MVC	
	9) Which layer is the Foundation Framework a part of:	point
	Cocoa Touch	
	Core Service	
	Media	



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