← Back Final Quiz Graded Quiz • 1 min			Due Oct 1, 11:59 PM +07
	 ✓ Congratulations! You passed! Grade Latest Submission To passed 95% Freceived 95% 	ass 80% or Go to next item	
	1. Which factor drives the data model in a NoSQL database? The schema Delationships among optitios.	1/1 po	int
	 Relationships among entities The queries you intend to make The complexity of the joins 		
	∠ [™] Expand		
	Correct Correct! In NoSQL it's not the data that drives your data model or so accesses the data and the queries you are going to make.	hema. It's the way your application	
	2. Which of the following is an advantage of partitioning and storing redund	ant data?	int
	Data does not need to be synchronized. Concurrency control		
	If one node fails it can be retrieved elsewhere. Secure synchronization		
	∠ Expand		
	Correct! If one node fails, that piece of data can be retrieved from a	nother node.	
	3. What does the acronym ACID stand for? Available, Continuous, Inconsistent, Durable	1/1 po	int
	Available, Consistent, Isolated, Durable Atomic, Consistent, Isolated, Durable		
	Atomic, Continuous, Isolated, Durable		
	 ✓ Correct The acronym ACID stands for Atomic, Consistent, Isolated, Durable. 		
	4. What are the four main types of NoSQL databases?	1/1 po	int
	Key-Value, Relational, Column, Graph Key-Value, Distributed, Row, Graph		
	Key-Value, Document, Column, GraphKey-Value, Document, Table, Graph		
	∠ [™] Expand		
	Correct Several efforts have been made to categorize NoSQL databases and consensus that they fit into four types: Key-Value, Document, Columbia		
	5. Which of the following statements best describes NoSQL?	1/1po	int
	NoSQL is a family of open source relational databases NoSQL is a family of open source non-relational databases that share extechnologies NoSQL is a family of open source relational databases that do not include.		
	NoSQL is a family of open source relational databases that do not inclu NoSQL is a family of open source non-relational databases that differ green technology		
	∠ Expand		
	Correct The term NoSQL refers to a family of databases that vary widely in s share a common trait in that they are non-relational in nature. Cont actually stands for 'Not Only SQL', not 'NO SQL'.		
	6. In MongoDB, which of the following common aggregation stages takes the stores it in a target collection?	e outcome from the previous stage and 1/1 po	int
	stores it in a target collection? smerge count		
	\$project \$sort		
	∠ [¬] Expand		
	Correct The "\$merge" aggregation stage takes the outcome from the previous collection.	us stage and stores it in a target	
	7. True or False: MongoDB follows a design-first, code-later approach.	1/1 po	int
	True False		
	 ✓ Expand ✓ Correct 		
	MongoDB does not follow a design-first, code-later approach; it follows		
	8. In MongoDB, what is a group of similar stored documents called? An aggregation	1/1 po	int
	An index A cluster A collection		
	∠ Expand		
	Correct MongoDB documents of a similar type are grouped into a collection	l.	
	9. Which of the following is a distinguishing characteristic of a compound in	dex in MongoDB?	int
	 When a single index structure holds reference to more than one field When the index is stored in a particular order When an index helps you to quickly locate data without looking for it even 	erywhere	
	When an index helps you to quickly locate data without looking for it even When you create an index for the most frequent queries		
	✓ Expand ✓ Correct		
	MongoDB stores data being indexed on the index entry and a location		
	10. Which is an advantage of sharding? It provides fault tolerance.	1/1po	int
	It prevents you from accidentally deleting your database. It creates redundancy. It increases throughput by directing queries to relevant partitions.		
	∠ ⁷ Expand		
	Correct Correct! When you partition your data across shards, you increase y queries only to relevant shards.	our throughput by directing your	
	11. What would you most likely use blobs for in Cassandra Query Language (C	CQL)? 1/1 po	int
	Storing multimedia objects Storing a high range of integers	-/ - Po	
	Storing key-value pairs Representing encoded strings		
	∠ [¬] Expand		
	Correct Blobs are typically used to store images, audio, or other multimedia	a objects.	
	12. Which of the following statements is true about the default WRITE statem (CQL)?	ents in Cassandra Query Language 1/1 po	int
	 Every WRITE operation creates a new file called SSTable. They are slower than INSERT and UPDATE statements. Data is optimized using compaction after a WRITE operation. 		
	It doesn't locate and read data before executing a WRITE. It doesn't locate and read data before executing a WRITE.		
	✓ Correct! By default. Cassandra doesn't locate and read data before	eyecuting a MDITE	
	Correct! By default, Cassandra doesn't locate and read data before		
	What is Apache Cassandra most useful for? Drop-in replacement for a relational database Search-related use cases	1/1 po	
	Search-related use cases Joins and complex aggregations Fast data storage and retrieval		
	∠ [¬] Expand		
	Correct Cassandra is an open source NoSQL database with extremely fast we data retrieval.	rite throughput, and easy and rapid	
	14. What is the purpose of the partition key hash?	1/1 po	int
	To determine the location of the data in a cluster. It is used to determine what node and subsequent replicas will get the data in a cluster.		
	To add uniqueness to each entry in a table. To optimize the read performance of queries.		
	∠ Expand		
	Correct Correct! The partition key hash is used to determine what node (and data.	d subsequent replicas) will get the	
	15. What does "decentralized" mean?	0 / 1 po	int
	 Each node in a Cassandra cluster is identical to the other nodes. Each computer in the Cassandra cluster can act as a server for the other access without the need for a central server. Clusters can be run on multiple machines while to the users and applications appears as a unified whole. 		
	appears as a unified whole. Stored data in Cassandra is separated into pieces that run on different separated		
	Expand		
	Note of Cassandra video.		
	16. When you create a new IBM Cloudant database, what do you need to sele	1/1po	int
	 The curl command line tool The number of documents The partitioning type 		
	∠ [¬] Expand		
	Correct When you create a database, you must select whether you want the partitioned.	database to be partitioned or non-	
	17. Which of the following are valid HTTP methods used in curl for managing	IBM Cloudant databases? 1/1 po	int
	GET, PUT, POST, RETRIEVE	1/1 po	
	GET, POST, DELETE, DROP GET, PUT, POST, DELETE		
	∠ [¬] Expand		
	Correct The valid HTTP methods are GET, PUT, POST, and DELETE.		
	18. How are IBM Cloudant documents stored?	1/1po	int
	As files As objects As JSON		
	As tables		
	∠ Expand ✓ Correct		
	Correct! With Cloudant, documents are stored in the popular JSON		
	19. Which statement best describes IBM Cloudant? A document-based NoSQL database A relational database	1/1po	int
	A relational database A hierarchical database A data warehouse		
	∠ [¬] Expand		
	Correct Correct! Cloudant is a document-based NoSQL database, it is not a	data warehouse, like Hadoop is.	
	20. What is the IBM Cloudant Query equivalent of the WHERE clause in SQL?	1/1po	int
	selectorX switch		

-find

ok":true

⊘ Correct

∠ Expand

Cloudant Query's language is based on the MongoDB query language, which uses queries expressed in

query. This is the equivalent of the WHERE clause in SQL.

JSON formatted objects. These use a "selector" attribute to define the subset of data to be returned by the