





CouchDB	
Cassandra	
DynamoDB	
Riak	

		Answered			
our score		4 / 4			100%
Response					
	Manages execution across Spark cluster	Stores actual data blocks	Immutable distributed collection of elements	Manages metadata a system namespace	nd file
DataNode		<b>✓</b>	0		
NameNode					
RDD			abla		
SparkContext	2	0		0	
☑RDD					
Status		Answered			
our score		1/1			100%
☑ Distributed					
☑ Immutable	dge questions				
	dge questions	Answered			
<ul><li>✓ Immutable</li><li>➢ Knowled</li><li>⊙ Google File</li></ul>	dge questions	Answered 2 / 2			100%
✓ Immutable  Knowled  Google File  Status  Your score  Response	dge questions  System (GFS)	2/2			100%
✓ Immutable  Knowled  Google File  Status  Your score  Response  What is the Google	dge questions	2 / 2 lesigned for?	e applications		100%
✓ Immutable  Knowled  Google File  Status  Your score  Response  What is the Google  C) Scalable	dge questions  System (GFS)  gle File System (GFS) primarily d	2 / 2 lesigned for?	e applications		100%
✓ Immutable  Knowled  Google File  Status  Your score  Response  What is the Googl  O d) Persona	dge questions  System (GFS)  gle File System (GFS) primarily de distributed file system for large de	2 / 2 lesigned for?	e applications		100%
✓ Immutable  Knowled  Google File  Status  Your score  Response  What is the Googl  O d) Persona  O a) Handling	dge questions  System (GFS)  gle File System (GFS) primarily de distributed file system for large de distributed file management	2 / 2 lesigned for?	e applications		100%
✓ Immutable  Knowled  Google File  Status  Your score  Response  What is the Googl  O d) Persona  O a) Handling	dge questions  System (GFS)  gle File System (GFS) primarily de distributed file system for large de distributed file system for large of the system f	2 / 2 lesigned for?	e applications		100%
Monotopic Management of the Ma	dge questions  System (GFS)  gle File System (GFS) primarily de distributed file system for large de distributed file system for large of the system f	2 / 2 lesigned for?	e applications		100%

☐ b) Anache Kafka

d) Apache Spark			
● HDFS			
Status	Answered		
Your score	2/2		100%
O To achieve fault tolerand To improve data proces To increase storage cap	Hadoop Distributed File System (HDFS) despoyed by storing data in different locations, ensure sing speed by distributing data across multiple sacity and reduce data redundancy by storing by by creating multiple copies of data on the sacity and reduced multiple copies of data on the sacity and re	ing data availability even in the event of nor e nodes. data in fewer locations.	de failures.
■ Apache Spark Vs Mapl	Reduce		
Status	Answered		
Your score	3/3		100%
Response		Apache Spark	MapReduce
processes data in batches	only	0	$ \mathbf{Z} $
processes data in batabas as well as in real time		<b>V</b>	0
processes data in batches			
Suitable for batch process	ing & real-time processing	✓	
Suitable for batch process			
Suitable for batch process	Answered	☑	100%
Suitable for batch process  Components  Status	Answered 8 / 8	Enables querying of structured data.	
Suitable for batch process  Lack Components  Status  Your score  Response  What is the purpose for each	Answered 8 / 8	Enables querying of structured data.  Spark SQL	
Suitable for batch process  Components  Status  Your score  Response What is the purpose for each  Spark SQL	Answered 8 / 8	Enables querying of structured data.	
Suitable for batch process  L Components  Status  Your score  Response What is the purpose for each  Spark SQL  Spark Streaming  GraphX	Answered 8 / 8	Enables querying of structured data.  Spark SQL  Graph processing	

Anawerling Shakespeare's Classic with RDDs  Sering RDDs composed of Java objects, they offer a familiar object oriented programing style. RDDs' APIs allow low-level processing on the data throcture range, filter, reduce, are the most common operations to manipulate RDD objects using the typical object-oriented and functional programming features offered by Scala language.  Situation:  Situation:  Situation:  Situation:  Situation:  Situation and Julief' appears in the whole text. For simplicity, consider you have the text without punctuation.  This parsing task fits well for RDDs. Basically, you have to place the below steps in the oder they would occur.  In the parsing task fits well for RDDs. Basically, you have to place the below steps in the oder they would occur.  In the text file into an RDD, where each RDD element is a line of fext. Then map all the lines to lower case letters.  It take all those sentences, split them into separate words wherever you see a space, and put all those words together filter (retain) all the words equal to 'julief'  then map all the elements to the number 1;  apply a reduce with a sum function to get the total result.  Discreptions  Original transports of the following best describes the trade-off emphasized by the CAP Theorem?  O Disk Speed vs Memory Usage  O Scalability vs Speed  Description  Wallability Expired at 58/2925, 4.00 PM  Max. attempts: Unlimited		5/5	100%
Situation:	Response		
Suppose you have a text file containing Shakespeare's <i>Romeo and Juliet</i> where each fine represents a line of the original tragedy. You want to countow many times the word' Juliet' appears in the whole text. For simplicity, consider you have the text without punctuation. This parsing task fits well for RDDs. Basically, you have to place the below steps in the oder they would occur.    load the text file into an RDD, where each RDD element is a line of text. Then map all the lines to lower case letters;   take all those sentences, split them into separate words wherever you see a space, and put all those words together filter (retain) all the words equal to 'juliet' then map all the elements to the number 1;   apply a reduce with a sum function to get the total result.    OCAP Theorem   1/1	Jnraveling Shakespeare's Classic w	vith RDDs	
Suppose you have a text file containing Shakespeare's <i>Romeo and Juliet</i> where each line represents a line of the original tragedy. You want to countow many times the word "Juliet" appears in the whole text. For simplicity, consider you have the text without punctuation. This parsing task fits well for RDOs. Basically, you have to place the below steps in the oder they would occur.    Total the text file into an RDO, where each RDO element is a line of text. Then map all the lines to lower case letters;   Lake all those sentences, split them into separate words wherever you see a space, and put all those words together	structure: map, filter, reduce, are the m	nost common operations to mar	
Suppose you have a text file containing Shakespeare's <i>Romeo and Juliet</i> where each fine represents a line of the original tragedy. You want to cour how many times the word "Juliet" appears in the whole text. For simplicity, consider you have the text without punctuation. This parsing task fits well for RDOs. Basically, you have to place the below steps in the oder they would occur:    Toad the text file into an RDO, where each RDO element is a line of text. Then map all the lines to lower case letters;   Lake all those sentences, split them into separate words wherever you see a space, and put all those words together			
load the text file into an RDD, where each RDD element is a line of text. Then map all the lines to lower case letters;  take all those sentences, split them into separate words wherever you see a space, and put all those words together  filter (retain) all the words equal to "jullet"  then map all the elements to the number 1;  apply a reduce with a sum function to get the total result.  O CAP Theorem  tatus  Answered  our score  1/1  100%  Response  Which of the following best describes the trade-off emphasized by the CAP Theorem?  O Disk Speed vs Memory Usage  C consistency vs Availability vs Partition Tolerance  O Disk Speed vs Memory Usage  Scalability vs Speed  t execution  ormation  Availability: Expired at 5/8/2025, 4.00 PM  Max. attempts: Unlimited	how many times the word "Juliet" appe	ears in the whole text. For simple	icity, consider you have the text without punctuation.
of text. Then map all the lines to lower case letters;  take all those sentences, split them into separate words wherever you see a space, and put all those words together  filter (retain) all the words equal to "juliet"  then map all the elements to the number 1;  apply a reduce with a sum function to get the total result.  OCAP Theorem  tatus  Answered  our score  1/1  100%  Response  Which of the following best describes the trade-off emphasized by the CAP Theorem?  Disk Speed vs Memory Usage  Consistency vs Availability vs Partition Tolerance  Disk Speed vs Memory Usage  Scalability vs Speed  t execution  ormation  Availability: Expired at 5/8/2025, 4:00 PM  Max. attempts: Unlimited	This parsing task fits well for RDDs. Ba	asically, you have to place the b	elow steps in the oder they would occur:
you see a space, and put all those words together  filter (retain) all the words equal to "juliet"  then map all the elements to the number 1;  apply a reduce with a sum function to get the total result.  OCAP Theorem  tatus  Answered  four score  1 / 1  100%  Response  Which of the following best describes the trade-off emphasized by the CAP Theorem?  Disk Speed vs Memory Usage  Consistency vs Availability vs Partition Tolerance  Disk Speed vs Memory Usage  Scalability vs Speed  t execution  ormation  Availability: Expired at 5/8/2025, 4:00 PM  Max. attempts: Unlimited			
then map all the elements to the number 1;  apply a reduce with a sum function to get the total result.  OCAP Theorem  tatus  Answered  our score  1/1  100%  Response  Which of the following best describes the trade-off emphasized by the CAP Theorem?  Disk Speed vs Memory Usage  Consistency vs Availability vs Partition Tolerance  Disk Speed vs Memory Usage  Scalability vs Speed  t execution  ormation  Availability: Expired at 5/8/2025, 4:00 PM  Max. attempts: Unlimited			
apply a reduce with a sum function to get the total result.  © CAP Theorem  Status Answered  Our score 1/1 100%  Response  Which of the following best describes the trade-off emphasized by the CAP Theorem?  O Disk Speed vs Memory Usage  Consistency vs Availability vs Partition Tolerance  Disk Speed vs Memory Usage  Scalability vs Speed  t execution  ormation  Availability: Expired at 5/8/2025, 4:00 PM  Max. attempts: Unlimited			filter (retain) all the words equal to "juliet"
CAP Theorem  Status Answered  Four score 1/1 1 100%  Response  Which of the following best describes the trade-off emphasized by the CAP Theorem?  Disk Speed vs Memory Usage  Consistency vs Availability vs Partition Tolerance  Disk Speed vs Memory Usage  Scalability vs Speed  t execution  Tormation  Availability: Expired at 5/8/2025, 4:00 PM  Max. attempts: Unlimited			then map all the elements to the number 1;
Answered  four score  1/1  Response Which of the following best describes the trade-off emphasized by the CAP Theorem?  Disk Speed vs Memory Usage  Consistency vs Availability vs Partition Tolerance  Disk Speed vs Memory Usage  Scalability vs Speed  t execution  formation Availability: Expired at 5/8/2025, 4:00 PM  Max. attempts: Unlimited			apply a reduce with a sum function to get the total result.
Answered  Four score  1/1  Response Which of the following best describes the trade-off emphasized by the CAP Theorem?  Disk Speed vs Memory Usage  Consistency vs Availability vs Partition Tolerance  Disk Speed vs Memory Usage  Scalability vs Speed  t execution  Formation Availability: Expired at 5/8/2025, 4:00 PM  Max. attempts: Unlimited			
Response Which of the following best describes the trade-off emphasized by the CAP Theorem?  O Disk Speed vs Memory Usage  O Consistency vs Availability vs Partition Tolerance  O Disk Speed vs Memory Usage  O Scalability vs Speed  St execution  formation Availability: Expired at 5/8/2025, 4:00 PM Max. attempts: Unlimited	● CAP Theorem		
Response Which of the following best describes the trade-off emphasized by the CAP Theorem?  Disk Speed vs Memory Usage Consistency vs Availability vs Partition Tolerance Disk Speed vs Memory Usage Scalability vs Speed  texecution  formation Availability: Expired at 5/8/2025, 4:00 PM Max. attempts: Unlimited	Status	Answered	
Which of the following best describes the trade-off emphasized by the CAP Theorem?  Disk Speed vs Memory Usage  Consistency vs Availability vs Partition Tolerance  Disk Speed vs Memory Usage  Scalability vs Speed  t execution  formation  Availability: Expired at 5/8/2025, 4:00 PM  Max. attempts: Unlimited	'our score	1/1	100%
formation Availability: Expired at 5/8/2025, 4:00 PM Max. attempts: Unlimited	Response	he trade-off emphasized by the	CAP Theorem?
formation Availability: Expired at 5/8/2025, 4:00 PM Max. attempts: Unlimited Results of this test are visible to administrators and tutors of this course.	<ul> <li>Disk Speed vs Memory Usage</li> <li>Consistency vs Availability vs Par</li> <li>Disk Speed vs Memory Usage</li> </ul>		
Max. attempts: Unlimited	<ul> <li>○ Disk Speed vs Memory Usage</li> <li>○ Consistency vs Availability vs Pal</li> <li>○ Disk Speed vs Memory Usage</li> <li>○ Scalability vs Speed</li> </ul>		
	O Disk Speed vs Memory Usage O Consistency vs Availability vs Pal Disk Speed vs Memory Usage Scalability vs Speed		
Results of this test are visible to administrators and tutors of this course.	O Disk Speed vs Memory Usage O Consistency vs Availability vs Par Disk Speed vs Memory Usage O Scalability vs Speed	rtition Tolerance	
	O Disk Speed vs Memory Usage Consistency vs Availability vs Part Disk Speed vs Memory Usage Scalability vs Speed texecution  formation Availability: Expired at 5/8/2025, 4:00 f Max. attempts: Unlimited	rtition Tolerance	

▶ Change log

↑ Go to top