

Quizlet 8

You are tasked to count **every single occurrence of the word "Magic" across all seven volumes of the Harry Potter series**. Because the series contains over a million words, you decide to utilize a MapReduce Algorithm. **Select all that apply** for each question below.

What would be a good input for an individual mapper in this scenario? ☐ The final count of the word "Magic" from one book. ☒ A single chapter of a book. ☐ A list of every unique word found in the series. ☐ The entire seven-book series simultaneously.	What would be a good output for an individual mapper in this scenario? ☐ The total count of "Magic" across the entire series. ☐ A sorted list of every unique word in the assigned chapter. ☒ How many occurrences of "Magic" were found in a single chapter. ☐ A message to the manager indicating the chapter has been fully read.
What would be a good input for the reducer in this scenario? ☐ The original raw text files. ☒ A list of counts of the word "Magic", [1, 2, 7, 1...]. ☐ The total number of mappers used in the process. ☐ A random assortment of all words found by all mappers.	What would be a good output for the reducer in this scenario? ☐ A new copy of the Harry Potter series with every instance of "Magic" highlighted. ☐ The average number of times "Magic" appears in the series. ☐ A list of all results generated from every individual Mapper. ☒ The total count of "Magic" across all books.
Manager Actions → Which of these are responsibilities of the manager? ☒ Sending data to the mappers. ☒ Combining all the mapper outputs into a list to send to the reducer. ☐ Combining all the mapper outputs together into a final result ☒ Outputting the final answer to the user.	

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