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Questions?

2 questions 0 upvotes



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The hyper-dimensional cinema is back! It has as many dimensions as every movie needs! Today we will see another awesome Sci-Fi blockbuster:

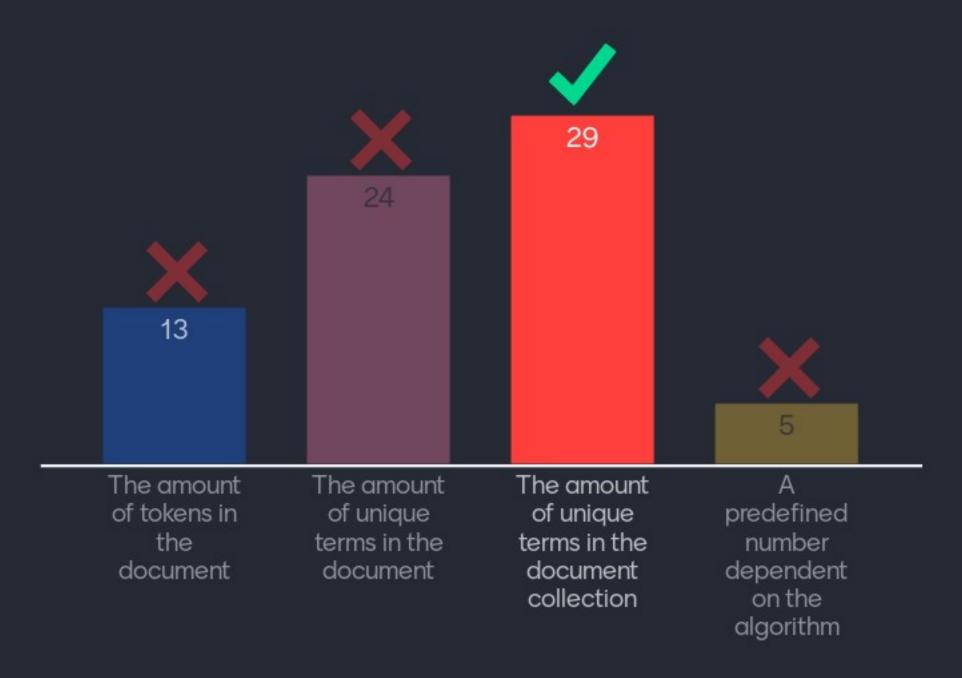
"The Document Vector of the Vector Space Model"

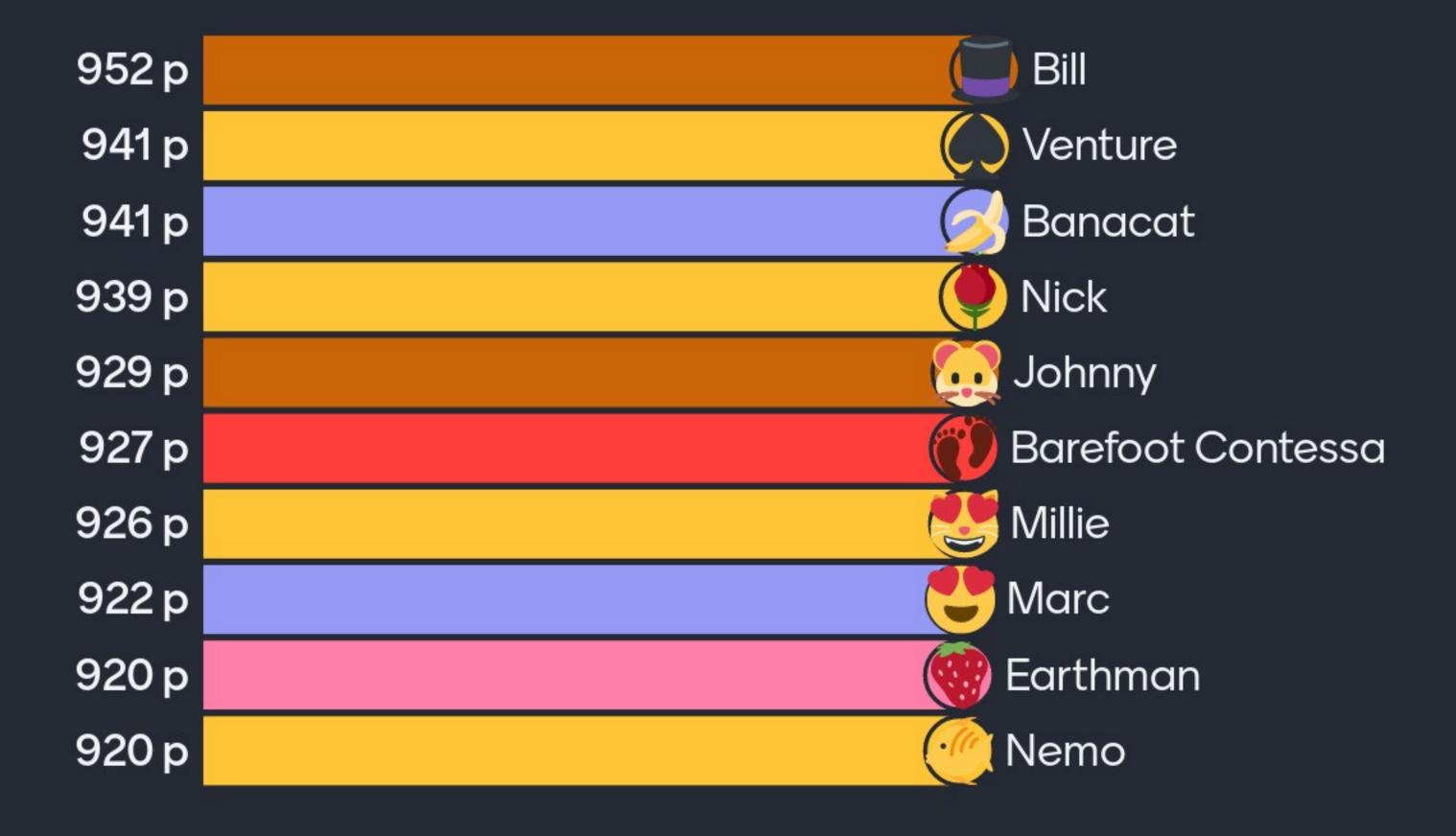
What determines how many dimensions this movie needs?





What determines the dimensions of a document vector in the Vector Space Model?







Once upon a time, in a land far, far away, there was a young farmer's son named "Ingolf Dietmar Ferdinand". He was only called "IDF" by all his friends because of his long name. IDF struggled with his life: What is my purpose? My brother "Thomas Friedewald" (also called TF) has found his destiny as a counting master, and my sister "Nicole Laura Paulina" (NLP) is a recognized language expert. What about me?

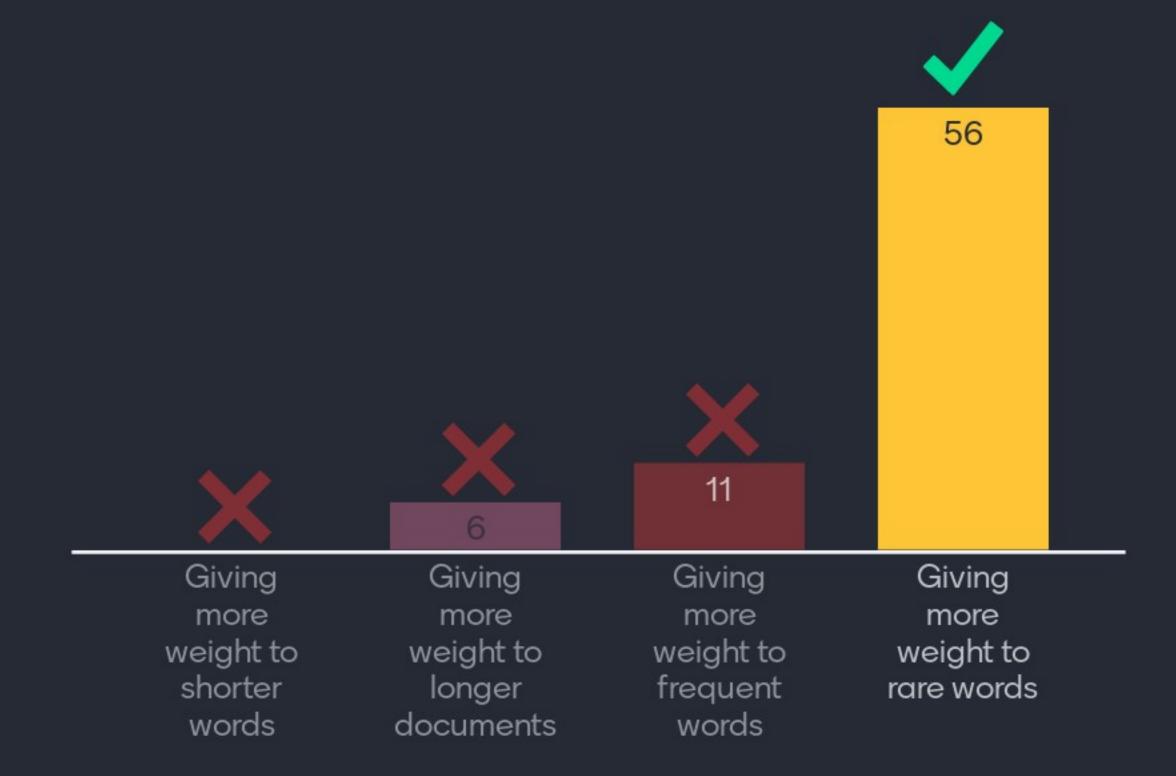
Suddenly, a fairy appeared to the young IDF in a dream, and suddenly he knew his destiny.

And he lived happily ever after... doing what??

(What is IDF's main job in TF-IDF weighting?)



What is IDF's main job in TF-IDF weighting?







In the ancient, forbidden library, Harry Potter finds a new spell: "Informatium Retriviosa".

However, the spell is so long and complex that he cannot remember it completely. Even the index of the spell book is of enormous size.

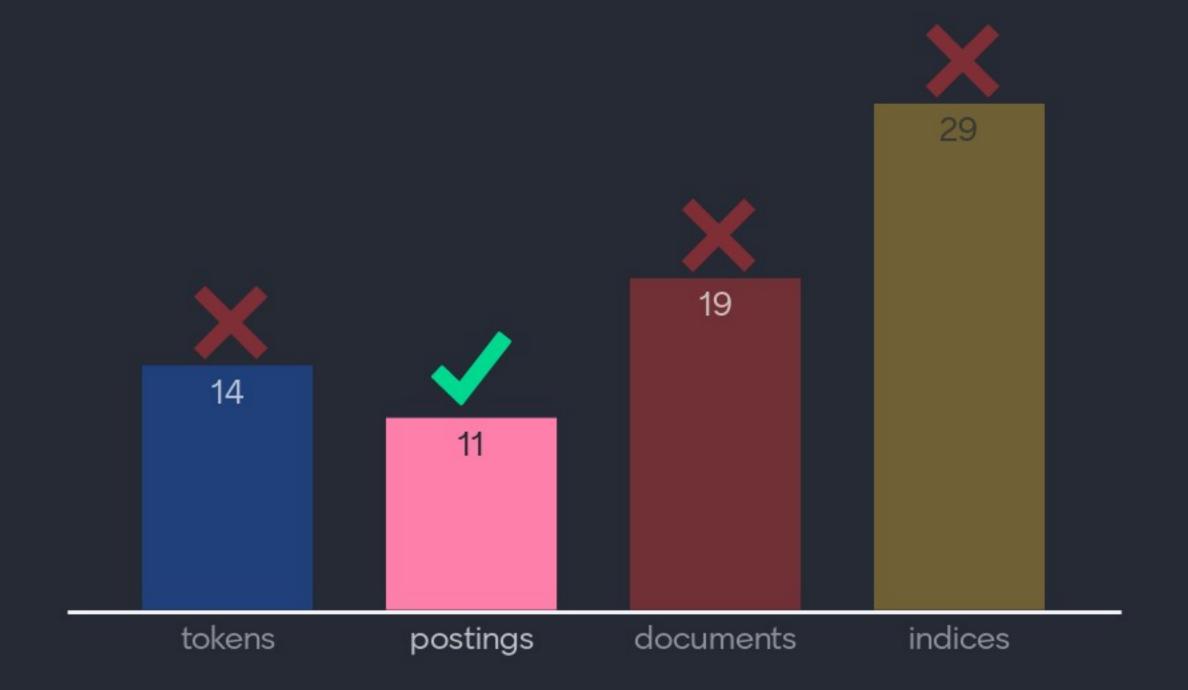
Suddenly the book comes to life and turns to the young magician:

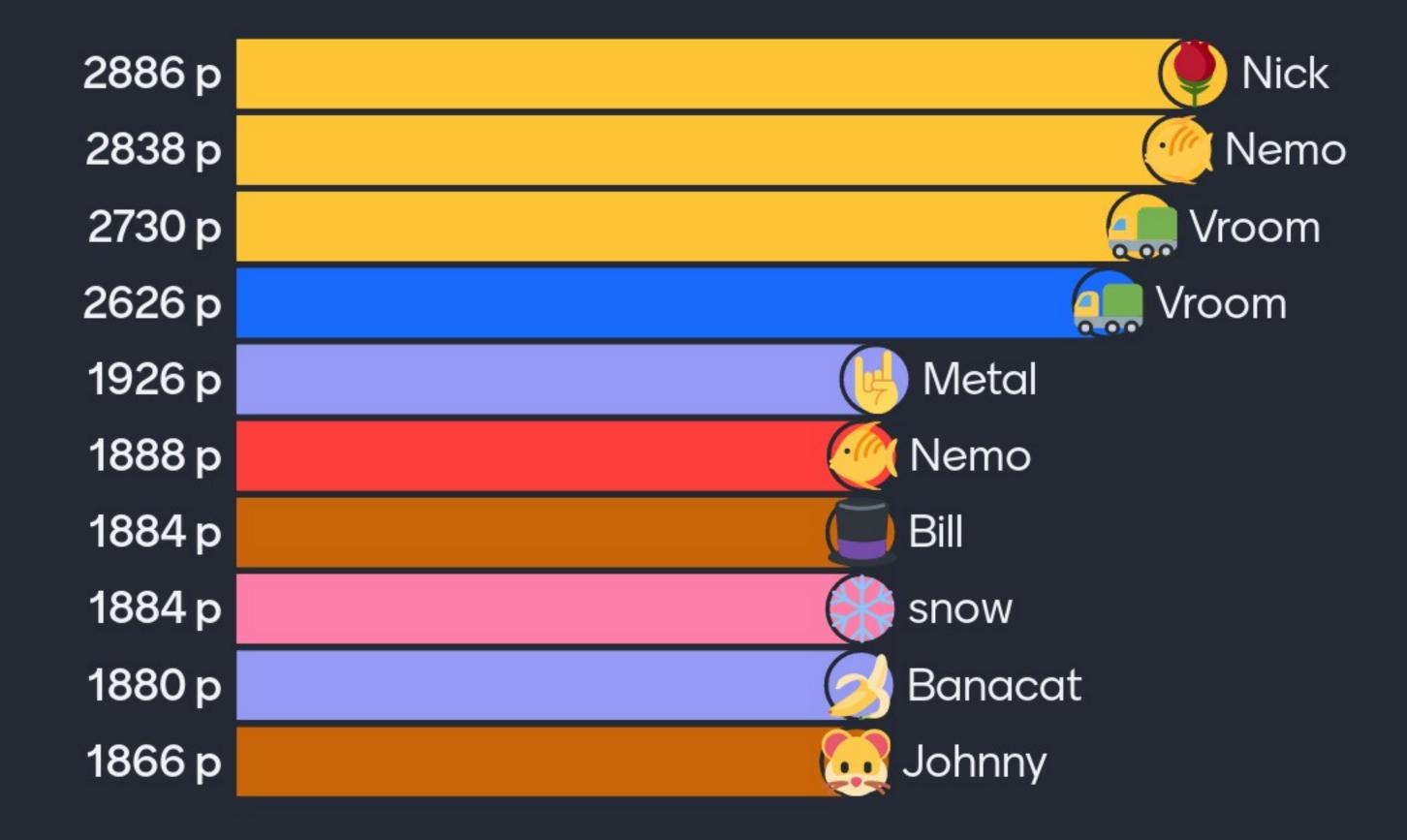
To use this spell please be altered:
The index has to be inverted.
For this, you need a dictionary...
yes, and what else, oh young Harry?

(An inverted index consists of a dictionary and...)



An inverted index consists of a dictionary and...







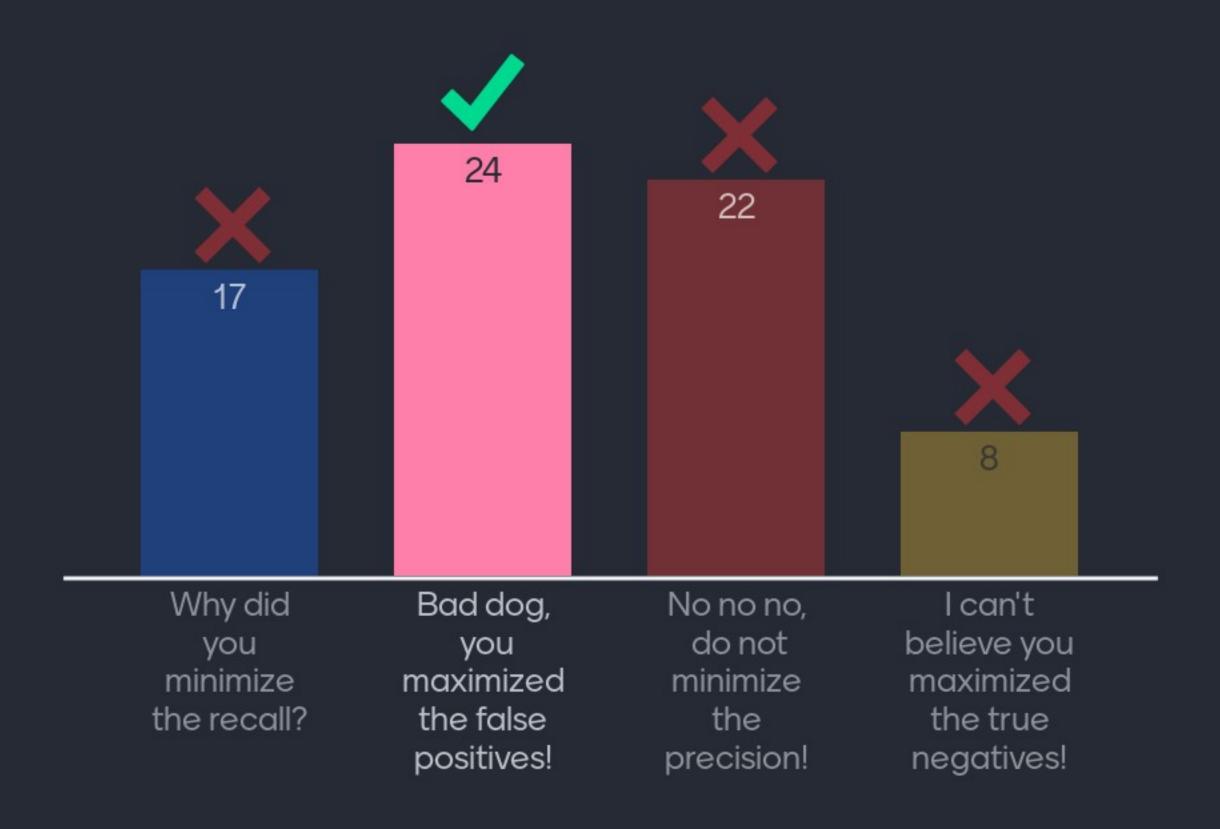
You go to the local pet shop to get a dog for your daughter. You ask the owner for your favorite dog breed: A golden retriever.

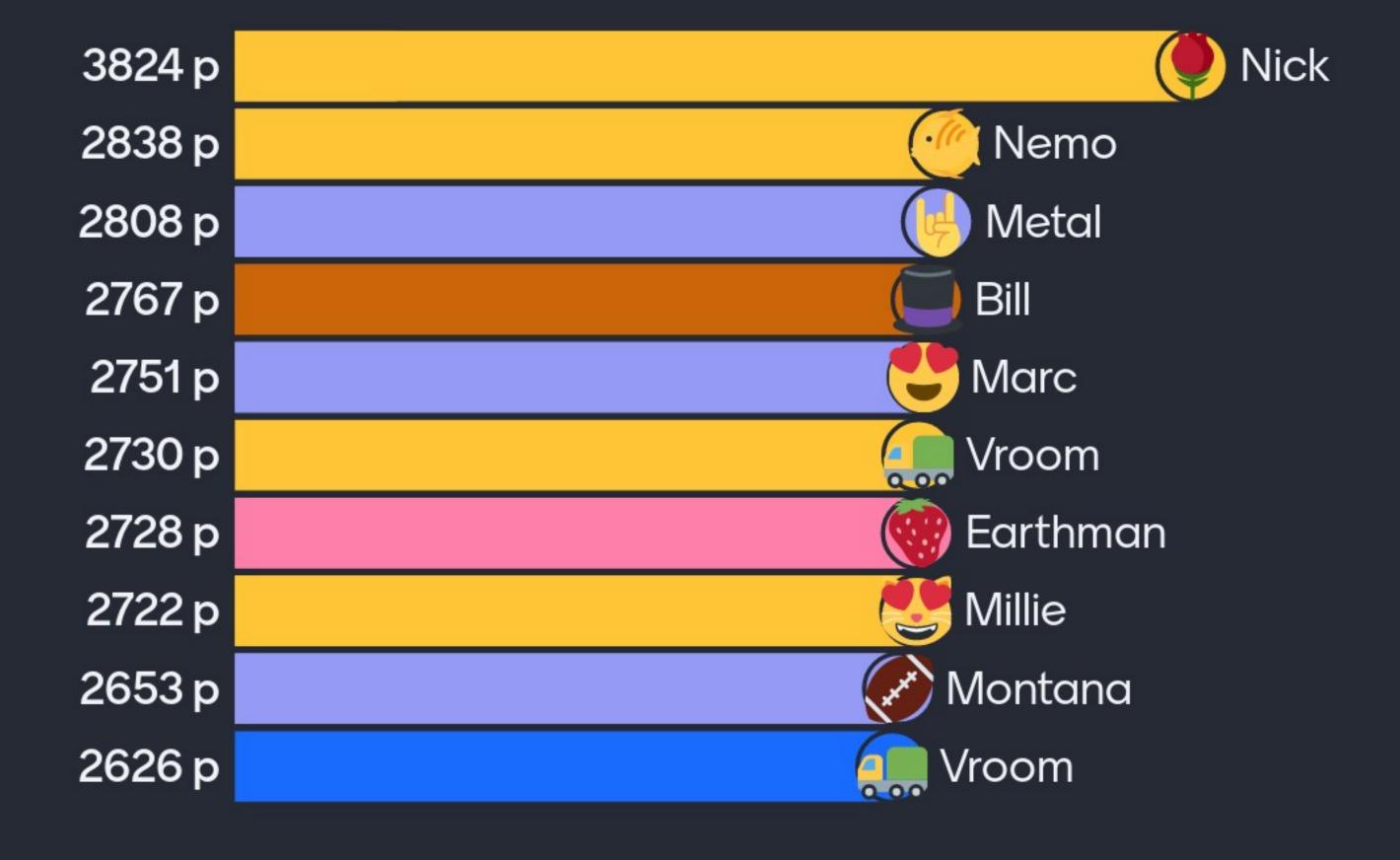
"Sorry, I don't have these any more. But maybe you want this cool dog, it is an information retriever! You throw a query, and it returns stuff from the internet for you!"

"Wow, that sounds awesome, let me try it!"

You throw a simple query, and after a short while, the dog returns with all documents from the whole internet!!! What is your response to the dog?

What is your response to the dog when he returns all documents?





Any questions?

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