



```
In [11]: from langchain.chains.question_answering import load_qa_chain
        from langchain.llms import OpenAI
```

```
In [12]: openai_instance = OpenAI(openai_api_key=openai_api_key)
```

```
In [13]: chain = load_qa_chain(openai_instance, chain_type='stuff')
```

```
In [14]: query = 'How mass is distributed in our solar system?'
        docs = document_search.similarity_search(query)
        chain.run(input_documents = docs, question = query)
```

```
Out[14]: " The vast majority of the Solar System's mass is in the Sun, with most of the remaining
mass contained in Jupiter."
```

```
In [15]: query = 'Tell me something about Earth moon?'
        docs = document_search.similarity_search(query)
        chain.run(input_documents = docs, question = query)
```

```
Out[15]: " Earth's Moon is the 5th largest moon in the Solar System. Its surface is mostly dark a
nd featureless lunar plains called maria, which were believed by ancient astronomers to
be filled with water. The lighter-colored regions of the Moon are called highlands, sinc
e they are higher than most maria. Several prominent mountain ranges on the near side ar
e found along the periphery of the giant impact basins, many of which have been filled b
y mare basalt. It is the only celestial body humans have travelled to and landed on."
```