OpenAI

Let's load the OpenAI Embedding class.

```
from langchain.embeddings import OpenAIEmbeddings
```

```
embeddings = OpenAIEmbeddings()
```

```
text = "This is a test document."
```

```
query_result = embeddings.embed_query(text)
```

```
doc_result = embeddings.embed_documents([text])
```

Let's load the OpenAI Embedding class with first generation models (e.g. text-search-ada-doc-001/text-search-ada-query-001). Note: These are not recommended models - see here

```
from langchain.embeddings.openai import OpenAIEmbeddings
```

```
embeddings = OpenAIEmbeddings(model_name="ada")
```

```
text = "This is a test document."
```

```
query_result = embeddings.embed_query(text)
```

```
doc_result = embeddings.embed_documents([text])
```