

Building a Corpus

- 1) The knowledge base was created as a dictionary using the top ten words as keys and the fact related to them as the value.

```
knowledge_base = {
    'films': 'Motion pictures date all the way back to the 1890s when the first moving picture cameras were invented.',
    'horror': '\Horror\' comes from a Latin verb meaning \'to bristle\' or \'to shudder.\'',
    'smile': 'Smiling can actually help us live longer.',
    'trailer': 'The first trailer was released in 1913.',
    'scream': 'Screaming is exhibited by many animals, but no species uses this extreme vocalization in as many different contexts as humans.',
    'hours': 'There is slightly less than 24 hours in a day',
    'family': 'A family is complete with or without children, as long as there is an association of two or more persons.',
    'dark': 'The fear of the darkness is called Nyctophobia.',
    'blumhouse': 'Blumhouse Pictures produced the box office hit Tooth Fairy, starring Dwayne \'The Rock\' Johnson.',
    'think': 'The average person has around 70 thousand thoughts per day.'
}

top10 = ['films', 'horror', 'smile', 'trailer', 'scream', 'hours', 'family', 'dark', 'blumhouse', 'think']
```

- 2) **User:** Tell me something interesting about screams.
Chatbot: Screaming is exhibited by many animals, but no species uses this extreme vocalization in as many different contexts as humans.
User: What is a fact about films?
Chatbot: Motion pictures date all the way back to the 1890s when the first moving picture cameras were invented.