The code first imports the necessary libraries such as BeautifulSoup, nltk, requests, and WordCloud.  
  
 Then, it fetches the content of a webpage using the requests

module and creates a BeautifulSoup object to parse the HTML content. It

extracts the headings from the webpage and performs data cleaning on the text

by removing stopwords and punctuation using nltk.  
  
 Next, it uses the VADER sentiment analyzer to calculate the

sentiment scores for the cleaned headings and prints the distribution of the

sentiment.  
  
 It also extracts bigrams from the cleaned text using nltk and

prints the most frequent bigrams and their frequencies.  
  
 Finally, it generates a word cloud using the WordCloud

library based on the cleaned text.

**Output :**

The following is the distribution of the sentiment :

It is positive for 9.9%

It is negative for 9.7%

It is neutral for 80.3%

The most frequent bigrams and their frequencies from The nbc are as follows:

[(('culture', 'matters'), 4), (('juul', 'pay'), 3), (('states', 'claims'), 3), (('claims', 'marketed'), 3), (('marketed', 'vapes'), 3)]