Before you can use these functions, you need to put this code at the start of your program:

```
from textblob import TextBlob
text = open('Book6.txt')
text = text.read()
blob = TextBlob(text)
```

No.	Code	Explain what it does

1	blob.words	Returns a list consisting of the blob broken down into words:
		
		>>> blob = TextBlob("cat dog octopus")
		>>> blob.words
		WordList(['cat', 'dog', 'octopus'])

2	blob.sentences	Returns a list consisting of the blob broken into separate sentences:
		
		>>> blob = TextBlob("Dogs chase cats. Cats chase mice. Mice chase corn")
		>>> blob.sentences
		[Sentence("Dogs chase cats."), Sentence("Cats chase mice."), Sentence("Mice chase corn")]

3	blob.noun_phrases	Returns a list consisting of the blob broken into short noun phrases:
		
		>>> b = TextBlob("This is going to be a nice sunny day in Melbourne")
		>>> blob.noun_phrases
		WordList(['nice sunny day', 'melbourne'])

4	blob.np_counts	Returns the number of times each proper noun repeats in the form of a dictionary:
		
		>>> blob=TextBlob("Bobby told Jennifer to travel to Jakarta ")
		>>> blob.np_counts
		defaultdict(<class 'int'>, {'bobby': 1, 'jennifer': 1, 'jakarta': 1})

5	blob.polarity	Returns the polarity score which is a float within the range [-1.0, 1.0] 1.0 is super happy -1.0 is horrific. See example below:
		
		>>> blob = TextBlob('Because Im happy Clap along if you feel like a room without a roof Because Im happy Clap along if you feel like happiness is the truth')
		>>> blob.polarity
		0.7666666666666666

6	blob.subjectivity	Returns subjectivity score which is a float within the range [-0.0, 1.0] 0 is purely factual and 1.0 is extremely subjective. See example below:
		
		>>> blob = TextBlob('I love ice cream more than anything in the world')
		>>> blob.subjectivity
		0.55
		>>> blob = TextBlob('the house is made up of 5000 bricks and 1000 tiles')
		>>> blob.subjectivity
		0.0

7	blob.sentiment	Returns subjectivity and polarity scores which are floats.
		Polarity is within the range [-1.0, 1.0] 1.0 is super happy -1.0 is horrific.
		Subjectivityu is in the range [-0.0, 1.0] 0 is purely factual and 1.0 is extremely subjective.
		See example below:
		
		>>> blob = TextBlob('Because Im happy Clap along if you feel like a room without a roof Because Im happy Clap along if you feel like happiness is the truth')
		>>> blob.sentiment
		Sentiment(polarity=0.7666, subjectivity=0.7334)

8	blob.translate(to="de")	Translates the blob to any language of your choice. The language the blob is in is automatically detected. See example below
		
		>>> blob = TextBlob("I love tennis")
		>>> blob.translate(to="es")
		TextBlob("Me encanta el tenis")
		
		>>> blob.translate(to="de")
		TextBlob("Ich liebe Tennis")
		
		All the two letter language codes available here:
		https://cloud.google.com/translate/docs/languages
		does not work well with text over 10,000 characters.

9	TextBlob.ngrams(n = integer)	Returns the blob broen down into subsequent segments of n length. The segments only differ by the first and last word.
		See example below:
		
		>>> blob = TextBlob("Now is better than never.")
		>>> blob.ngrams(n=3)
		[WordList(['Now', 'is', 'better']), WordList(['is', 'better', 'than']), WordList(['better', 'than', 'never'])]