

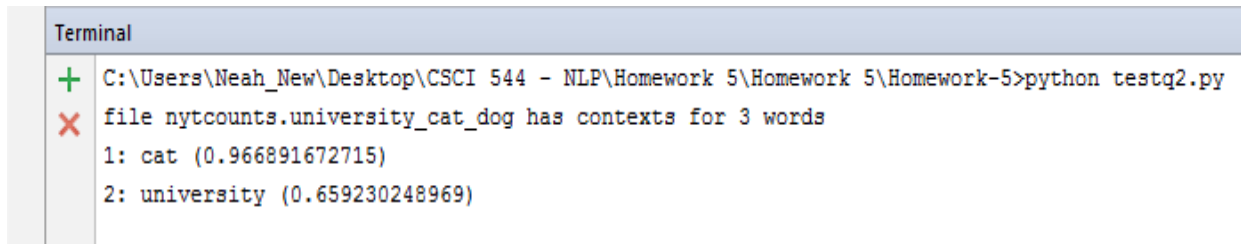
Q2

The 10 most similar words to 'dog', excluding 'dog' using `cossim_sparse()` are as follows:

**file nytcounts.university\_cat\_dog has contexts for 3 words**

**1: cat (0.966891672715)**

**2: university (0.659230248969)**

A terminal window titled "Terminal" with a light blue header. The command prompt shows the execution of `python testq2.py`. The output consists of three lines: a green plus icon followed by the command, a red X icon followed by the error message "file nytcounts.university\_cat\_dog has contexts for 3 words", and two lines of output: "1: cat (0.966891672715)" and "2: university (0.659230248969)".

```
Terminal
+ C:\Users\Neah_New\Desktop\CSCI 544 - NLP\Homework 5\Homework 5\Homework-5>python testq2.py
X file nytcounts.university_cat_dog has contexts for 3 words
1: cat (0.966891672715)
2: university (0.659230248969)
```

(Only 2 similar words are displayed as the `nytcounts.university_cat_dog` dictionary contains the context vectors of only 2 words – cat and university).