Word Amounts ASSIGNMENT

1) This assignment will count the occurrences of words in a text file. Here are some special cases:
   a) ***sixty-three*** counts as one word
   b) ***joyous - sparkling*** counts as two words, the hyphen (-) will have a blank space on each side
   c) ***'tis*** counts as one word
   d) ***The*** and ***the*** both count as occurrences of "the". In other words, you may want to convert any capital to lower case before counting such a word.
2) Use file "dream.txt" for this assignment.
3) Find
   a) The total number of unique words in the file.
   b) The total number of words in the file.
   c) The top 30 words which occur the most frequently, sorted in descending order by frequency. Your output should look like:

```
Number of unique words = 525
Total # of words = 1579
Top 30 words:
      Word        Frequency
 1)   the   103
 2)   of          97
 3)   to          59
 4)   and   43
 5)   a           36
 6)   we          32
 7)   be          32
 8)   will        26
 9)   that        24
10)   is          21
11)   have        19
12)   freedom     19
13)   this        18
14)   in          18
15)   from        18
16)   as          15
17)   our   14
18)   not         14
19)   negro       14
20)   let   14
21)   i           14
22)   ring        12
23)   one   12
24)   with        11
25)   dream       11
26)   every       10
27)   day   10
28)   nation      9
29)   must        9
30)   come        9
```

```
public ReadFile()
   {
      File file = new File(FILE_NAME);
try {

   Scanner inFile = new Scanner(file);

   while (inFile.hasNextLine())
   {
       phrase = inFile.nextLine();
   }
   } catch (FileNotFoundException e) {
          System.out.println("File not found");
      e.printStackTrace();
}
}
```