```python
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month=['january','february','march','april','may','june','july','august','september','octob

file = open("Pracs5.txt")
for line in file:
    txt=''.join(e.lower() for e in line.strip() if e.isalnum() or e=='/' or e==' ').split()
    print(txt,"\n")
    print("Total 'a' in line",sum(e=='a' for e in txt))
    print("Total 'an' in line",sum(e=='an' for e in txt))
    print("Total 'the' in line",sum(e=='the' for e in txt))
    print("Total dates in line",sum(e in month for e in txt))
    print("\n")
```

```
['delhi', 'is', 'a', 'metropolitan', 'and', 'the', 'capital', 'region', 'o
f', 'india', 'which', 'includes', 'the', 'national', 'capital', 'city', 'ne
w', 'delhi', 'it', 'is', 'the', 'second', 'most', 'populous', 'metropolis',
'in', 'india', 'after', 'mumbai', 'and', 'the', 'largest', 'city', 'in', 'te
rms', 'of', 'area']

Total 'a' in line 1
Total 'an' in line 0
Total 'the' in line 4
Total dates in line 0


['mumbai', 'also', 'known', 'as', 'bombay', 'is', 'the', 'capital', 'city',
'of', 'the', 'indian', 'state', 'of', 'maharashtra', 'it', 'is', 'the', 'mos
t', 'populous', 'city', 'in', 'india', 'and', 'the', 'fourth', 'most', 'popu
lous', 'city', 'in', 'the', 'world', 'with', 'a', 'total', 'metropolitan',
'area', 'population', 'of', 'approximately', '205', 'million']

Total 'a' in line 1
Total 'an' in line 0
Total 'the' in line 5
Total dates in line 0


['new', 'york', 'is', 'a', 'state', 'in', 'the', 'northeastern', 'region',
'of', 'the', 'united', 'states', 'new', 'york', 'is', 'the', '27thmost', 'ex
tensive', 'the', '3rdmost', 'populous', 'and', 'the', '7thmost', 'densely',
'populated', 'of', 'the', '50', 'united', 'states']

Total 'a' in line 1
Total 'an' in line 0
Total 'the' in line 6
Total dates in line 0


['the', 'indian', 'rebellion', 'of', '1857', 'began', 'as', 'a', 'mutiny',
'of', 'sepoys', 'of', 'the', 'east', 'india', 'companys', 'army', 'on', '1
0', 'may', '1857', 'in', 'the', 'town', 'of', 'meerut', 'and', 'soon', 'esca
lated', 'into', 'other', 'mutinies', 'and', 'civilian', 'rebellions', 'large
ly', 'in', 'the', 'upper', 'gangetic', 'plain', 'and', 'central', 'india',
'with', 'the', 'major', 'hostilities', 'confined', 'to', 'presentday', 'utta
r', 'pradesh', 'bihar', 'northern', 'madhya', 'pradesh', 'and', 'the', 'delh
i', 'region']
```

Total 'a' in line 1
Total 'an' in line 0
Total 'the' in line 6
Total dates in line 1

['the', 'boston', 'tea', 'party', 'referred', 'to', 'in', 'its', 'time', 'si
mply', 'as', 'the', 'destruction', 'of', 'the', 'tea', 'or', 'by', 'other',
'informal', 'names', 'and', 'so', 'named', 'until', 'half', 'a', 'century',
'later2', 'was', 'a', 'political', 'protest', 'by', 'the', 'sons', 'of', 'li
berty', 'in', 'boston', 'a', 'city', 'in', 'the', 'british', 'colony', 'of',
'massachusetts', 'against', 'the', 'tax', 'policy', 'of', 'the', 'british',
'government', 'and', 'the', 'east', 'india', 'company', 'that', 'controlle
d', 'all', 'the', 'tea', 'imported', 'into', 'the', 'colonies', 'on', 'decem
ber', '16', '1773', 'after', 'officials', 'in', 'boston', 'refused', 'to',
'return', 'three', 'shiploads', 'of', 'taxed', 'tea', 'to', 'britain', 'a',
'group', 'of', 'colonists', 'boarded', 'the', 'ships', 'and', 'destroyed',
'the', 'tea', 'by', 'throwing', 'it', 'into', 'boston', 'harbor', 'the', 'in
cident', 'remains', 'an', 'iconic', 'event', 'of', 'american', 'history', 'a
nd', 'other', 'political', 'protests', 'often', 'refer', 'to', 'it']

Total 'a' in line 4
Total 'an' in line 1
Total 'the' in line 13
Total dates in line 1