

```
20231113 > frequency.py > ...
1 dictionary = {}
2 row = []
3
4 with open("hamlet.txt", 'r') as f:
5     data = f.readline()
6     while (data != ''):
7         row = data.strip("\n").strip().split(" ")
8         for index in range(len(row)):
9             if row[index] not in dictionary:
10                 dictionary[row[index]] = 0
11                 dictionary[row[index]] += 1
12         data = f.readline()
13
14 sorted_dictionary = dict(sorted(
15     dictionary.items(), key=lambda x: x[1], reverse=True))
16
17 with open("result.csv", 'w') as f:
18     for key, value in sorted_dictionary.items():
19         f.write(f"{key},{value}\n")
20
21
22
```

```
20231113 > result.csv
1 ,1057
2 the,929
3 and,680
4 of,625
5 to,608
6 I,523
7 a,453
8 my,444
9 in,382
10 you,361
11 Ham.,358
12 is,299
13 his,284
14 it,266
15 And,259
16 not,259
17 that,225
18 with,224
19 your,217
20 this,203
21 be,187
22 for,162
23 have,160
24 The,152
25 he,149
26 me,144
27 as,144
28 but,139
29 will,130
30 him,121
31 To,119
32 That,118
33 are,118
34 King.,116
35 But,115
36 Hor.,108
37 our,107
38 do,105
39 shall,103
40 we,101
```

