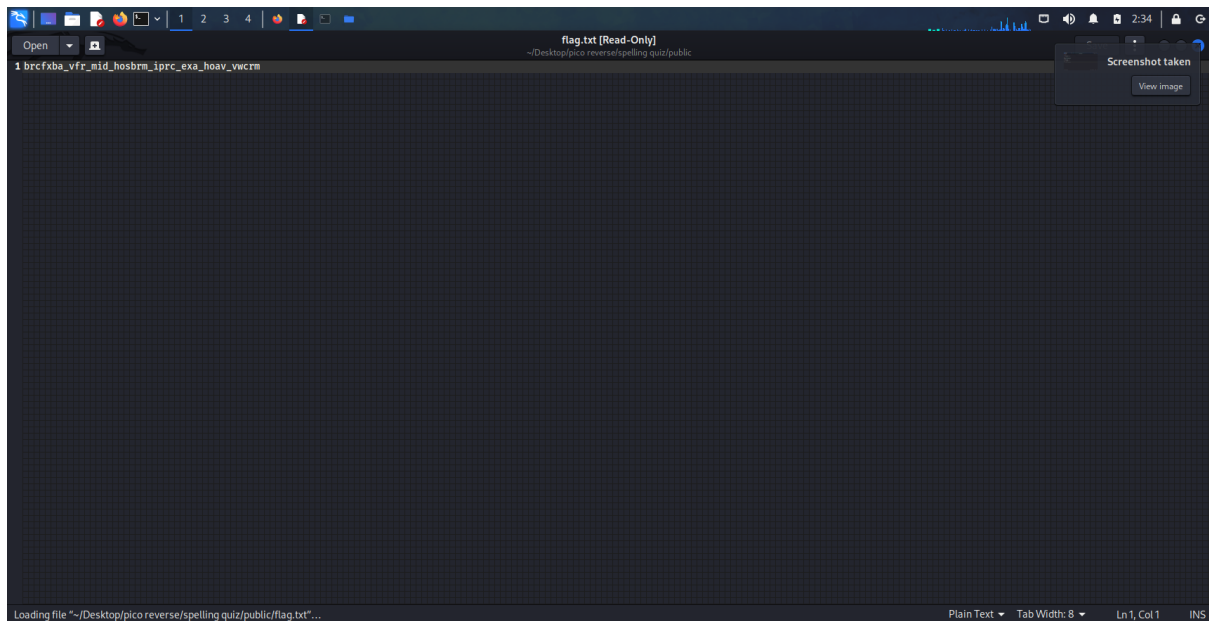
A screenshot of a code editor window titled 'encrypt.py [Read-Only]'. The editor shows a Python script that searches for text files in the current directory and subdirectories, encrypts them using a random alphabet, and saves the encrypted files. The script is 22 lines long. The status bar at the bottom indicates 'Python 2', 'Tab Width: 8', 'Ln 22, Col 41', and 'INS'.

```
1 import random
2 import os
3
4 files = []
5 os.path.join(path, file)
6 for path, dirs, files in os.walk('.'):
7     for file in files:
8         if file.split('.')[1] == 'txt':
9
10
11 alphabet = list('abcdefghijklmnopqrstuvwxyz')
12 random.shuffle(shuffled := alphabet[:])
13 dictionary = dict(zip(alphabet, shuffled))
14
15 for filename in files:
16     text = open(filename, 'r').read()
17     encrypted = ''
18     for c in text:
19         if c in dictionary:
20             encrypted += dictionary[c]
21         else:
22             encrypted += c
23     open(filename, 'w').write(encrypted)
```

So what this program does is search the current directory for text files using including sub directories

And we have a encrypted file for flag and another with a lot of examples in it study-guide.txt

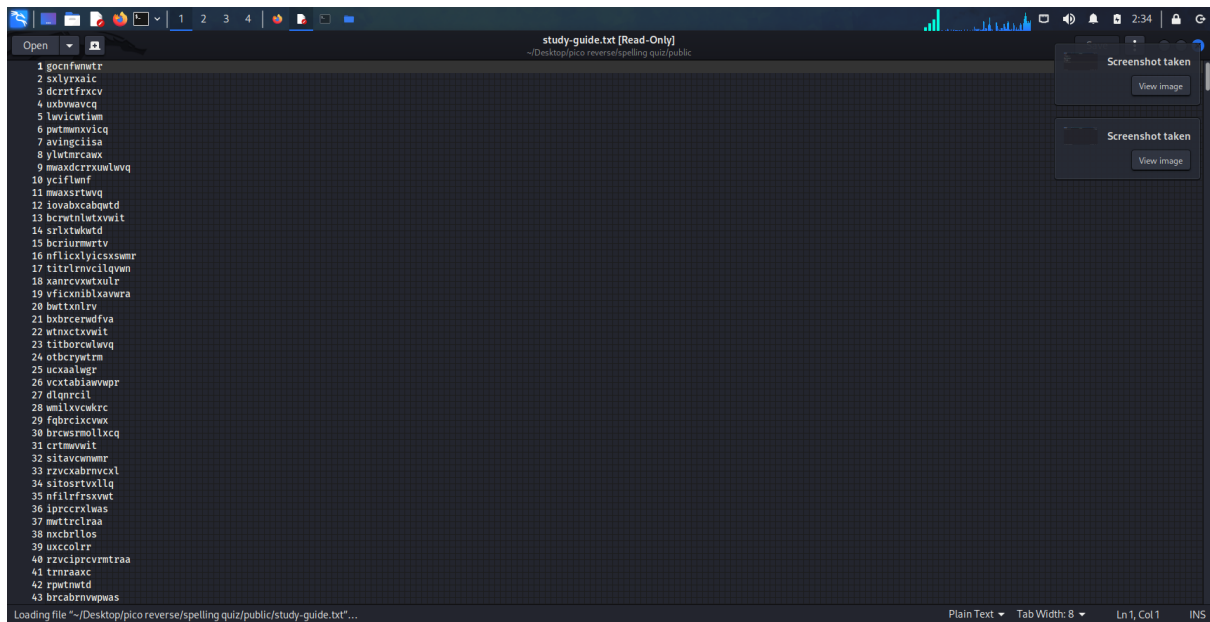
A screenshot of a code editor window titled 'flag.txt [Read-Only]'. The editor shows a single line of text: '1 brcfxba_vfr_mid_hosbrm_iprc_exa_hoav_vwcrm'. A 'Screenshot taken' notification is visible in the top right corner. The status bar at the bottom indicates 'Plain Text', 'Tab Width: 8', 'Ln 1, Col 1', and 'INS'.

```
1 brcfxba_vfr_mid_hosbrm_iprc_exa_hoav_vwcrm
```

We will use subbreaker

Pip install subbreaker

subbreaker break --lang EN --ciphertext <(cat /home/kali/Desktop/pico\ reverse/spelling\ quiz/public/study-guide.txt | head -n 5000)



subbreaker decode --key xunmrydfwhglstibjavopezqk --ciphertext public/flag.txt

perhaps_the_dog_jumped_over_was_just_tired

