

```
1 """
2 Consider the following definition of a dictionary
3 Member, write a method in python to write the
4 content in
5 a pickled file member.dat
6 """
7
8 import pickle
9
10 def add_member():
11     with open('members.dat', mode='ab') as fa:
12         mno = int(input('Enter Member No: '))
13         name = input('Enter Member Name: ')
14         data = dict()
15         data['MemberNo.'] = mno
16         data['Name'] = name
17         pickle.dump(data, fa)
18
19 add_member()
20
```

```
1 """
2 WAP That reads a text file and creates another
   file that is identical except that every sequence
   of consecutive
3 blank spaces is replaced by a single space.
4 """
5
6 with open('FEED.txt', mode='r') as f1:
7     with open('Another.txt', mode='w') as f2:
8         l = f1.readlines()
9         for lines in l:
10             t = lines.split()
11             for w in t:
12                 f2.write(w + ' ')
13             f2.write('\n')
14
```

```
1 # Write a function to accept a file name. Count  
2 and print all the vowels, consonants and digits.  
3  
4 def counting_things(file):  
5     with open(file, mode='r') as Fr:  
6         lines = Fr.readlines()  
7         v = c = d = 0  
8         for line in lines:  
9             for words in line.split():  
10                 for chars in words:  
11                     if chars in 'AEIOUaeiou':  
12                         v += 1  
13  
14                     elif ord(chars) in range(65,  
15                        123):  
16                         c += 1  
17  
18                     elif chars.isdigit():  
19                         d += 1  
20  
21                     else:  
22                         continue  
23     print('There are {} Vowels, {} Consonants and  
24         {} Digits'.format(v, c, d))  
25  
26 directory = input('Enter File Directory: ')  
27 counting_things(directory)  
28
```

```
1 # WAP to count the number of T0s and THEs
2
3 with open(file='Poem.txt', mode='r') as P:
4     to = the = 0
5     for line in P.readlines():
6         print(line, end='')
7         for words in line.split():
8             if words == 'to' or 'T0' or 'To':
9                 to += 1
10
11             elif words == 'THE' or 'the' or 'The':
12                 the += 1
13
14     print('Number of T0s are {} and number of
15     THEs are {}'.format(to, the))
```

```
1 # WAP to copy contents from one file to another
  file named as Second.txt
2
3 with open('Poem.txt', mode='r') as first, open('
  Second.txt', mode='a') as sec:
4     for content in first:
5         sec.write(content)
6
```