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

```python
"""
WAF to search and display details of member name
when member number is passed
"""
import pickle


def search(x):
    with open('members.dat', mode='rb') as fr:
        try:
            while True:
                data = pickle.load(fr)
                if data['MemberNo.'] == x:
                    print(data)

        except EOFError:
            print('Thank You')


```

```python
#  Write a function to accept a file name. Now print all those words that are beginning with a vowel.


def vowel_words(file):
    with open(file, mode='r') as Fr:
        lines = Fr.readlines()
        for line in lines:
            for words in line.split():
                if words[0] in 'AEIOUaeiou':
                    print(words)

                else:
                    continue


directory = input('Enter File Directory: ')
vowel_words(directory)

```

```
"""
Write a function that would read Contents from sports.dat and create a file named Athletics.dat copying only those records from sports.dat where the event name is "Athletics"
"""


def ath_Check():
    with open('sports.dat', mode='r') as Sp:
        for rec in Sp.readlines():
            sort = rec.partition('~')
            print(sort[0])
            if sort[0].strip() == 'Athletics':
                with open('Athletics.dat', mode='a') as At:
                    At.write(rec)


ath_Check()

```

```
"""
WAF that reads a CSV file and creates another CSV
 file with the same content except the lines
beginning with 'check'
"""

import csv


def check():
    with open('Purchase.csv', mode='r') as
csvfile:
        data = csv.reader(csvfile)
        with open('NewFile.csv', mode='w') as
newfile:
            csvwriter = csv.writer(newfile)

            for row in data:
                if row[0] == 'check':
                    continue

                else:
                    csvwriter.writerow(row)


check()

```