4/4/2022 , 9:00 AM

MCA

SEM-I

OBJECT ORIENTED PROGRAMMING

Course code - 22340/101

Exam Rollno - 212347 57 009

② →

Ans -

```
def get.Words ():
    """
        It returns the list of words after
        reading the file Mywords.txt
    """
    f2 = open ("Mywords.txt", 'r')
    res = []
    for word in f2:
        res. append (word.strip(). lower())
    f2.close()
    return res


def writeWordListIntoFile(word list):
    """
        It sort the list of words and
        save into the file MyWords.txt
    """
```

(1)

```python
wordList.sort()
f = open('MyWords.txt', 'w')

    for i in wordList:
        f.write(i + "\n")


f.close()


def checker(filename):
    f1 = None
    try:
        f1 = open(filename, 'r').

    except Exception as e:
        print("There is some error while reading
                                    the input file")

        return
    wordList = None
    try:
        wordList = getWords()

    except Exception as e:
        print("There is  some error while getting
                                    the word list")

        return
    data = f1.read()
    input_words = data.split()  # split the
                                    words  by
                                    whitespace
                                    characters

                    (2)
```

```python
    notpresent = []         # list of not present element
    for i in input_words:
        if i.lower() not in wordlist:
            notpresent.append(i)
            print(" i+" word is not present in the
                                 MyWords.txt")

            print(" Do you want to add i+ [Y/N]")
            ch = input()    # choice Y/N


            if ch.lower() == 'y':
                wordlist.append(i.lower())
    writeWordListInto file (wordList)
    fl.close()      # close the file
    return notpresent


# Driver Code
if __name__ == "__main__":
    filename = input(" Enter file Name")
    notpresent = checker (filename)
    print(" Words which were not
                    present initially [ May be
                    added by user] are ")

    print(notpresent)


# lower function is used to make the
process case - insensitive
```

(3)

Output

```
aniket
is
my
name
```

MyWord.txt

```
Hello Bro I am
Anikel
```

inputfile.txt

Enter File Name   inputfile.txt
Hello word is not present in Mywords.txt
Do you want to add it [Y/N]

Y

Bro word is not present in the Mywords.txt
Do you want to add it [Y/N]

Y

I word is not present in the Mywords.txt
Do you want to add it [Y/N]

Y

am word is not present in the Mywords.txt
Do you want to add it [Y/N]

Y

words which were not present initially
[Now may be added by user] are
['hello','Bro','I','am']
            (4)

Now,

```
bro
hello
i
is
my
name
```

My Words.txt