

**Assignment Of**

**Python Programming**

**Task 1 & 2**

**Submitted To:**

**Sir.Dr.Bisharat**

**Professor Dept:**

**Information Technology**

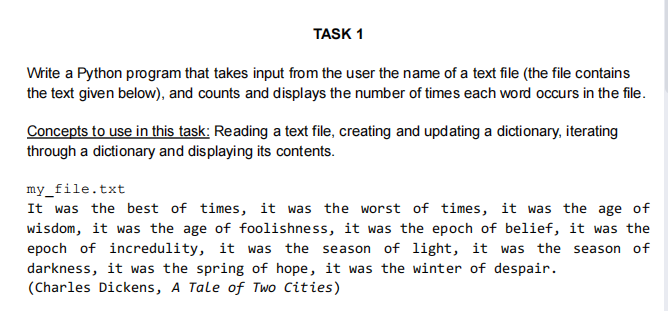
**Submitted By:**

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**Mansoor Ali**

**(2k20/ITE/73) Group(A)**

**Question No:1**

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**TASK-1**

**1st Method**

**Using a Loop Method**

**Source Code:**

fname = input("Enter the File Name:")

try:

    fhand=open(fname,'r')

    a = dict()

    for line in fhand:

        words = line.split()

        for word in words:

            if word in a:

                a[word] = a[word] + 1

            else:

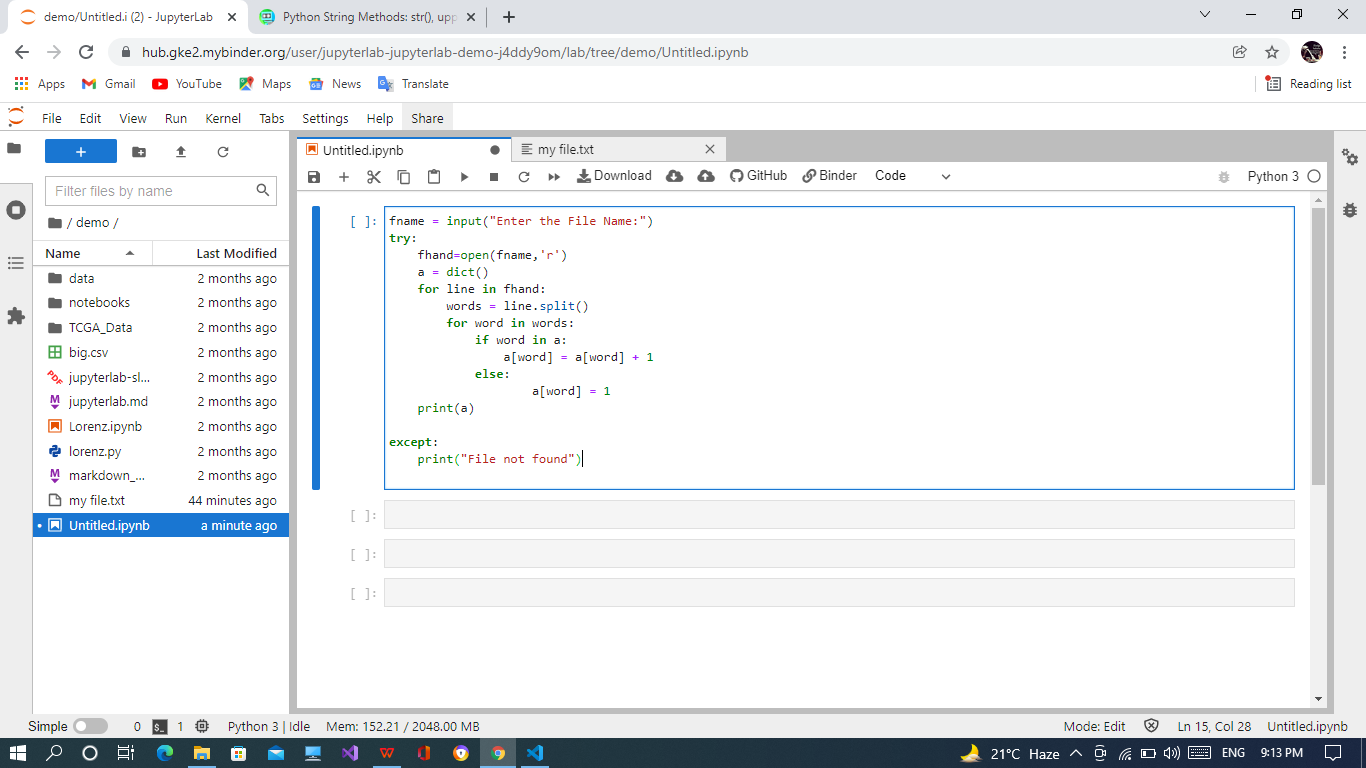
                    a[word] = 1

    print(a)

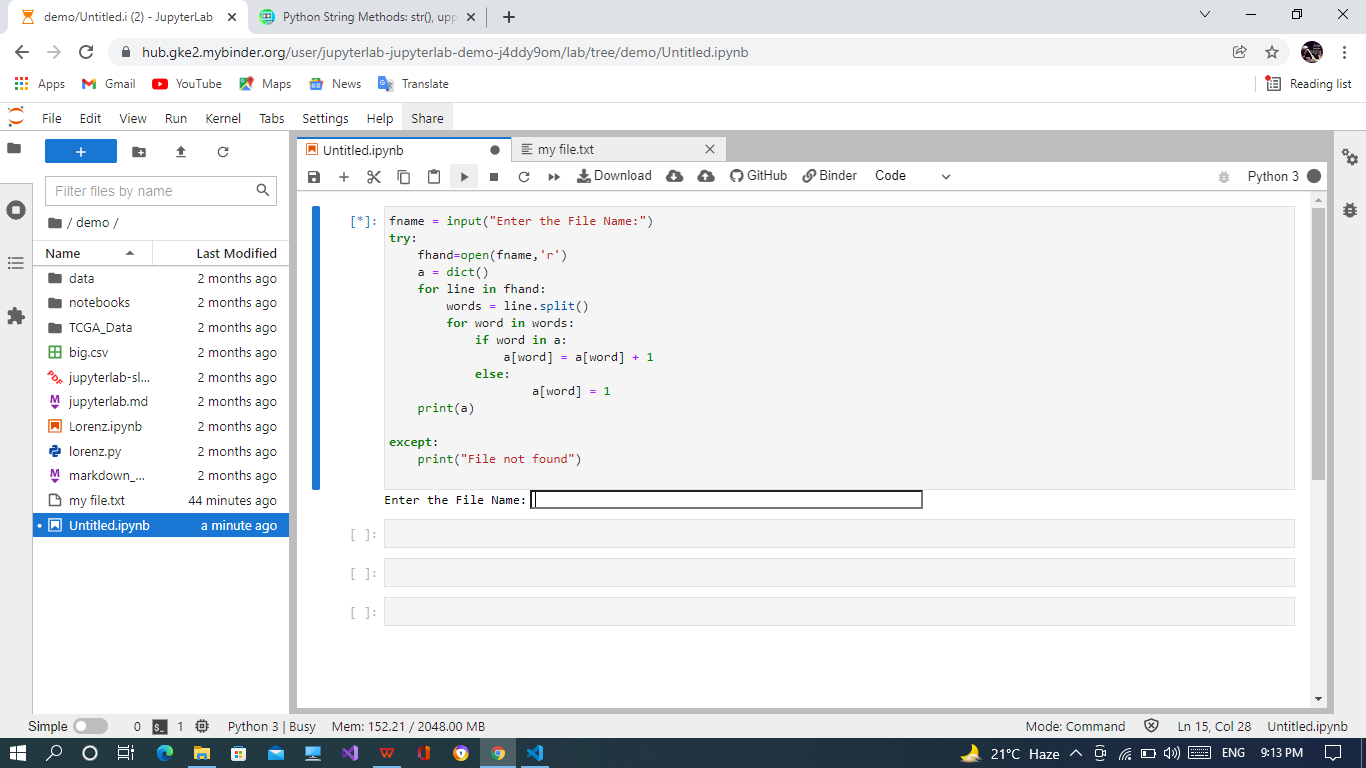
except:

    print("File not found")

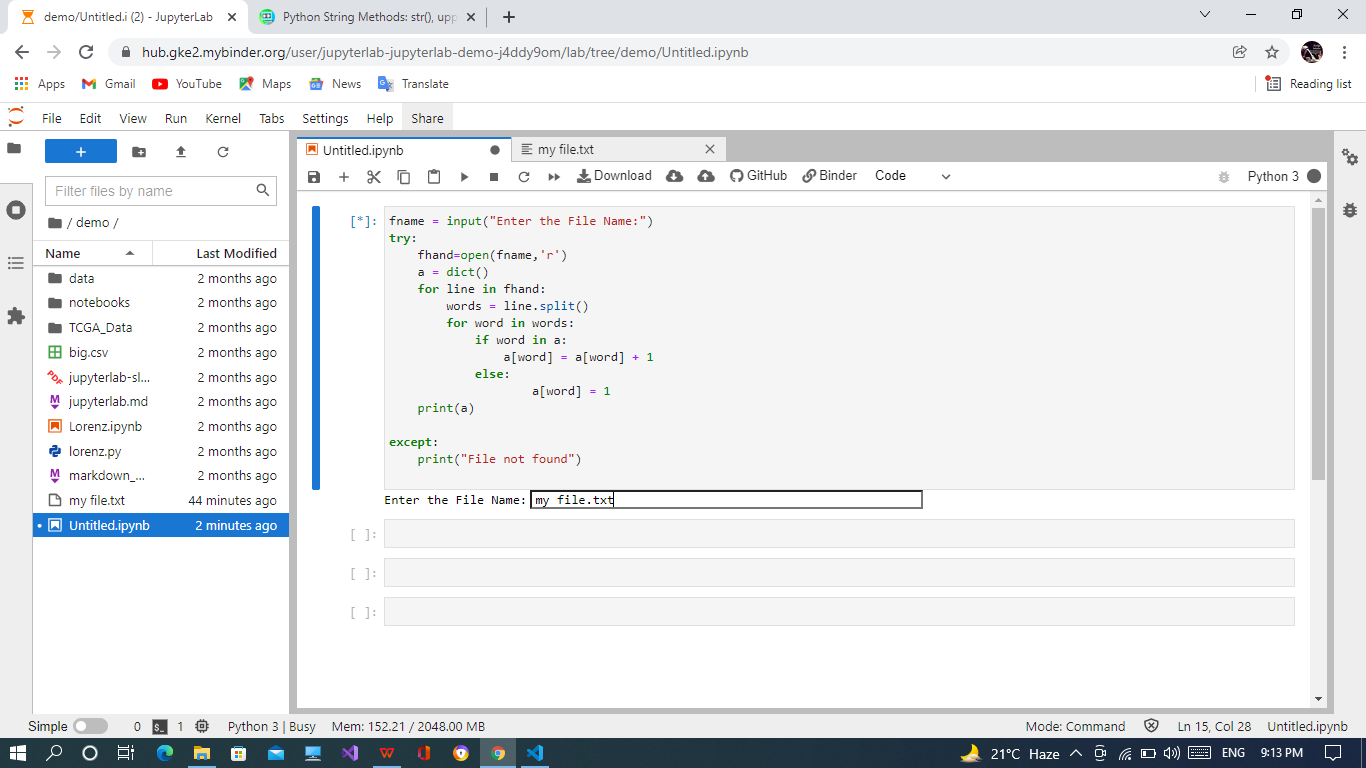
**Code Screenshots:**



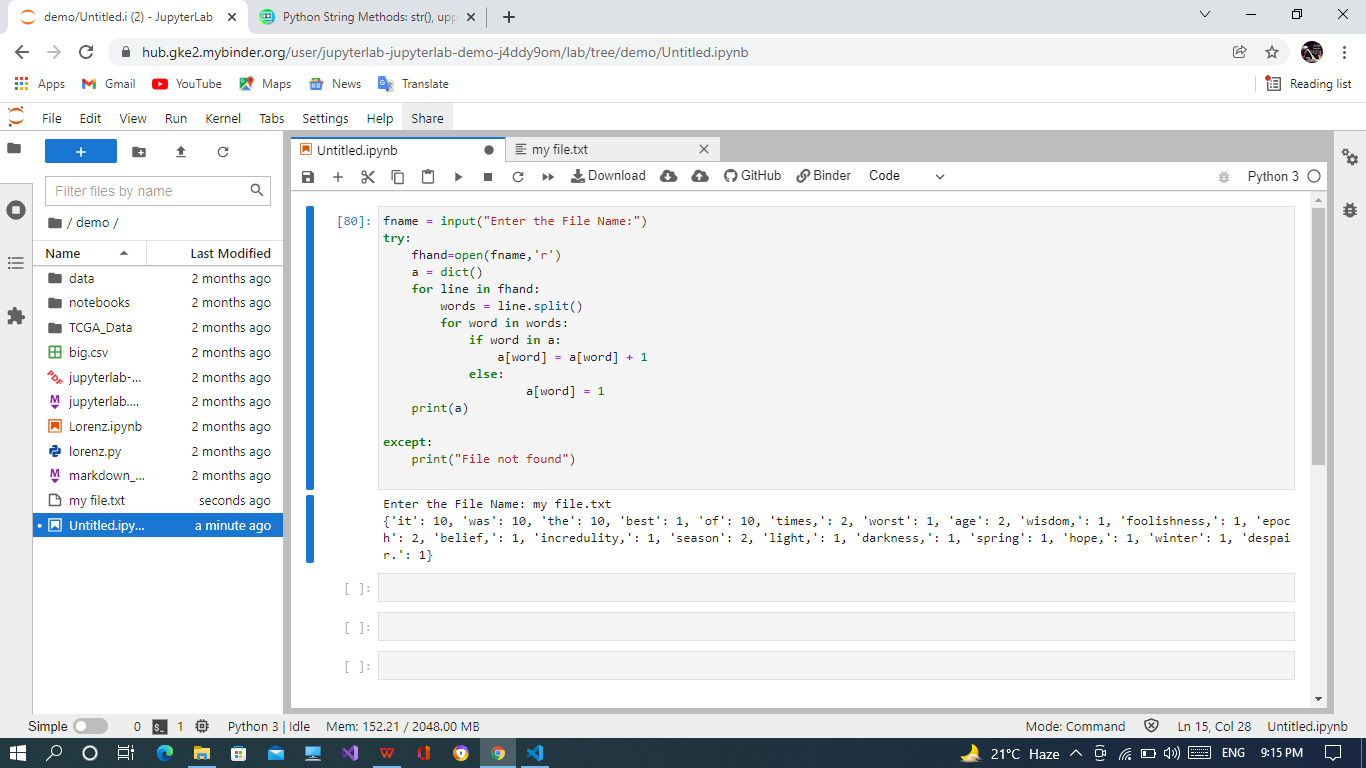
**Executing Program:**



**Enter File Name:**



**Code Output:**



**2nd Method**

**Using a GET Function**

**Source Code:**

##Using Get Method

a = input("Enter the File Name:")

try:

    fhand = open(a)

    d1 = dict()

    for line in fhand:

        words = line.split()

        for word in words:

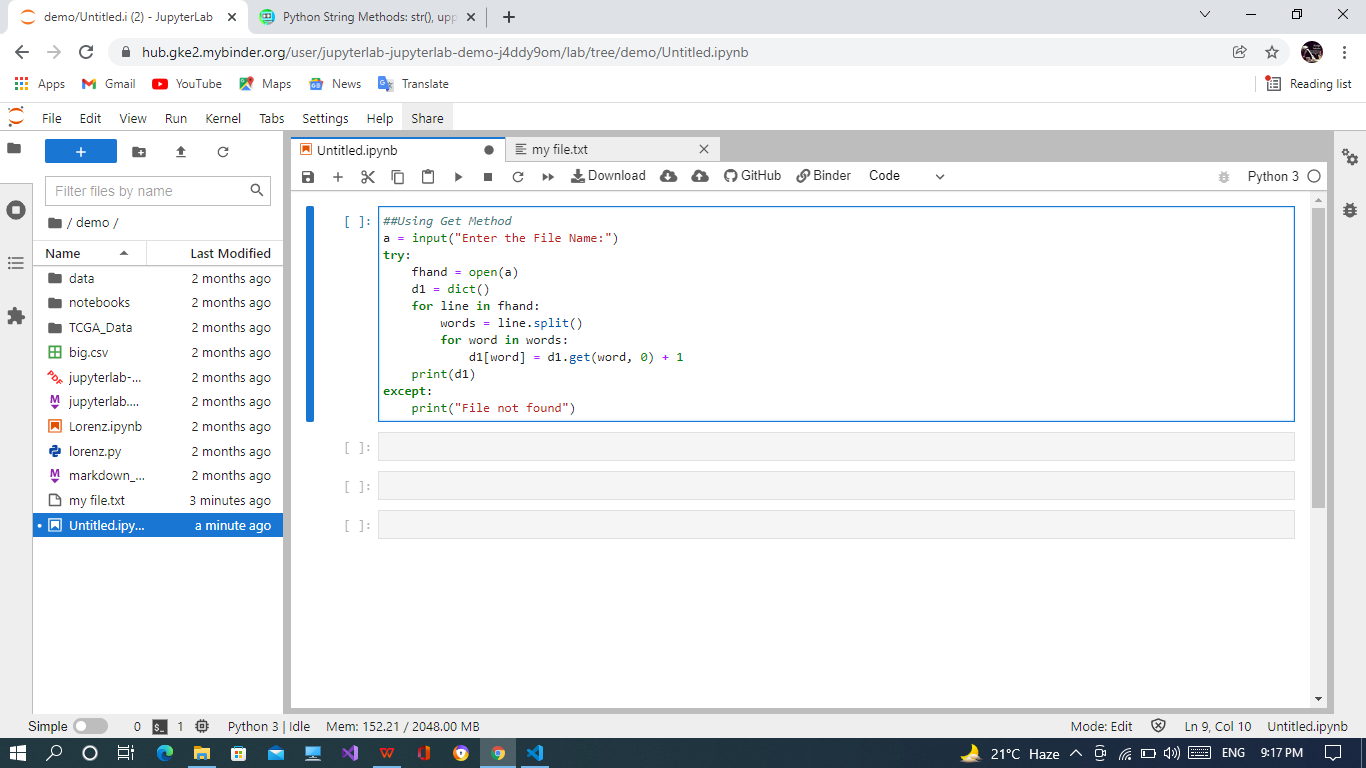
            d1[word] = d1.get(word, 0) + 1

    print(d1)

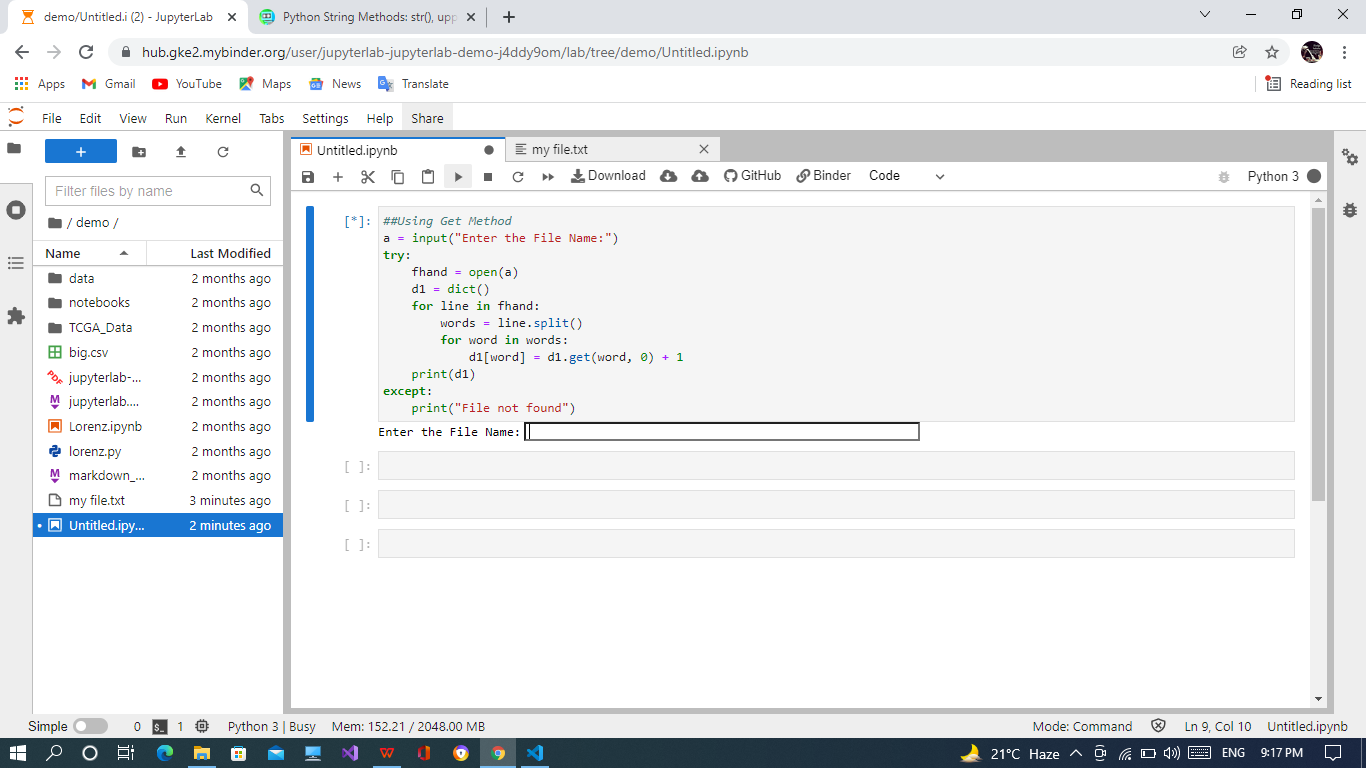
except:

    print("File not found")

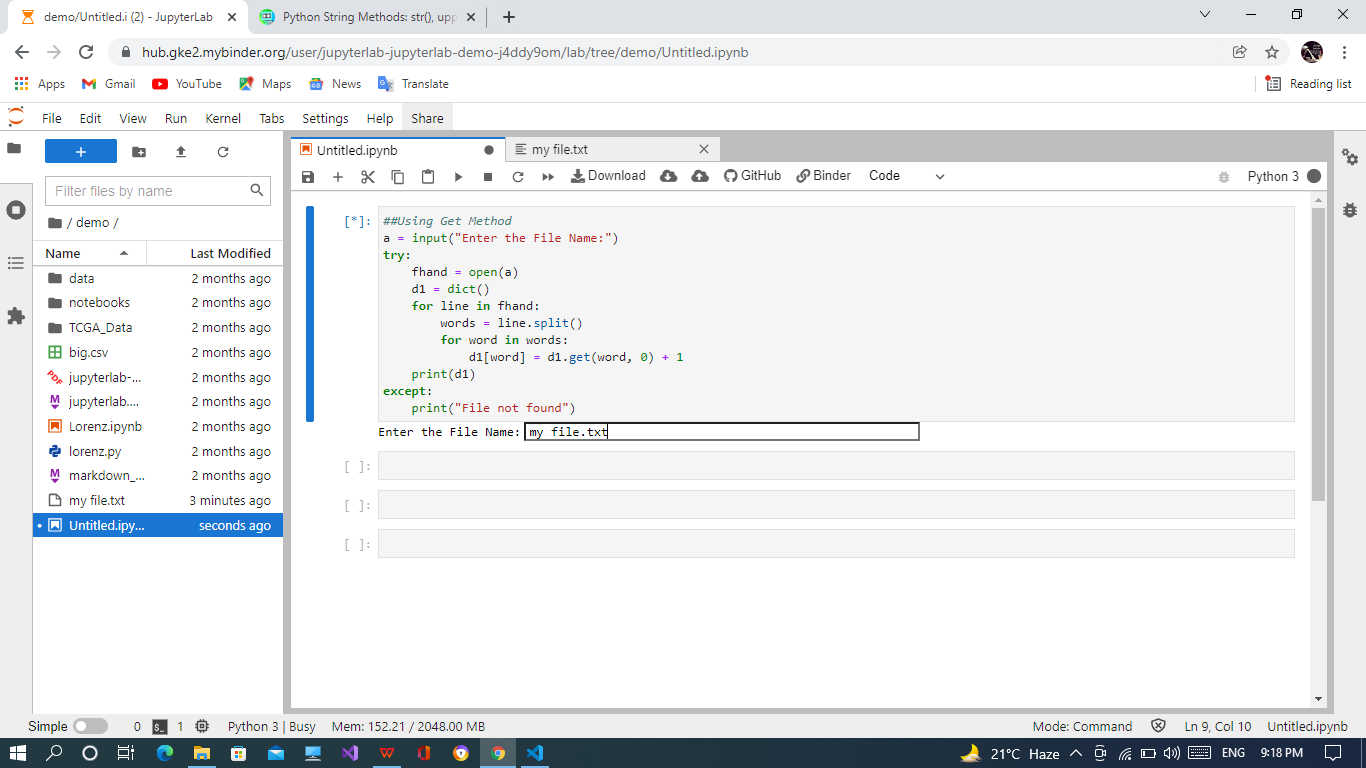
**Code Screenshot:**



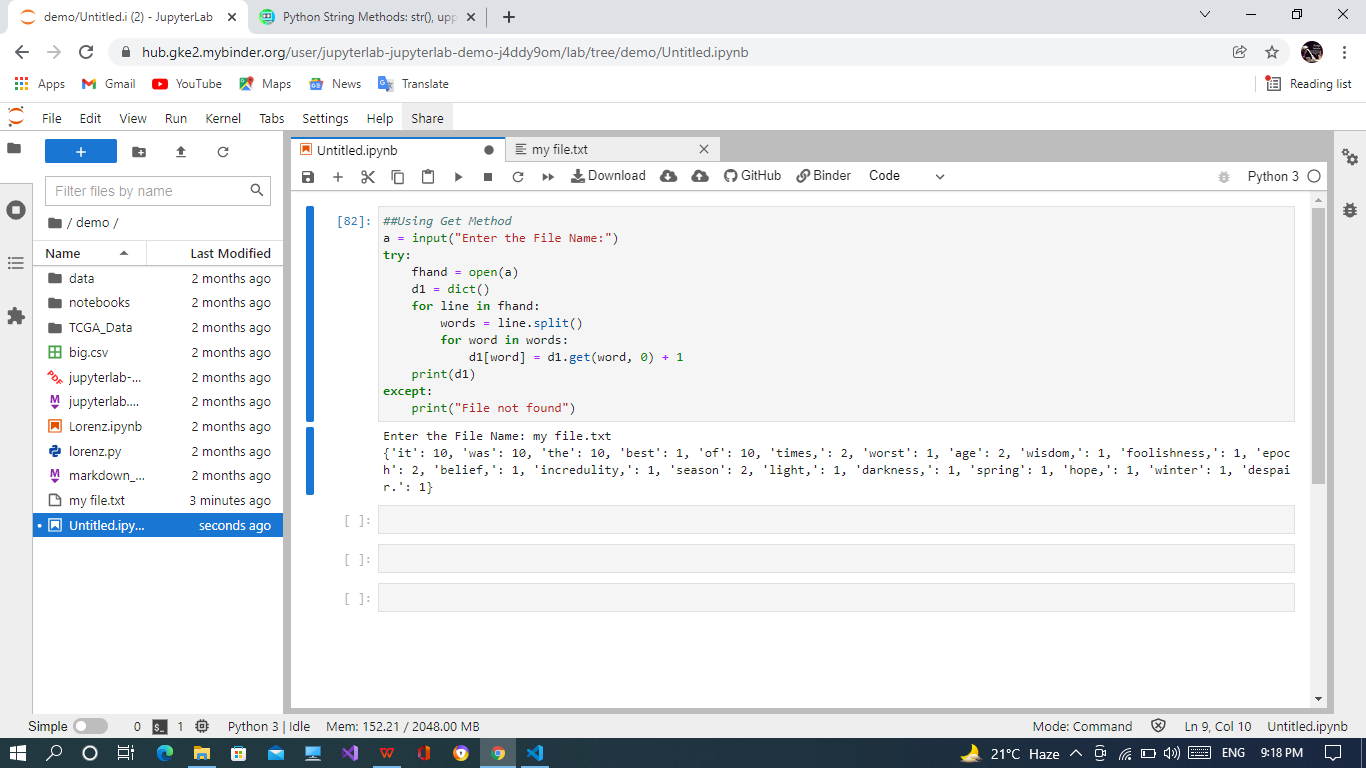
**Executing Program:**



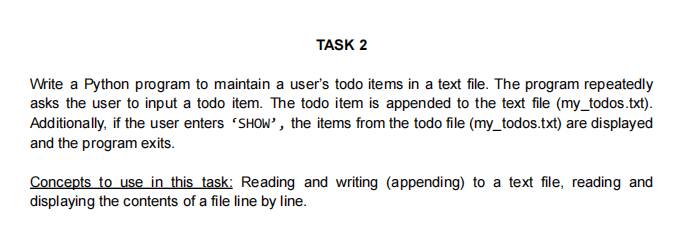
**Enter File Name:**



**Output of Code:**



**Question No:2**

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**TASK-2**

**TODO-ITEM-LIST**

**Source Code:**

file = open('to-do-file.txt', 'a')

Enter\_Products = ''

while True:

    Enter\_Products = input('Enter your to-do item \n (EXIT to quit program; SHOW to display all items): ')

    if (Enter\_Products == 'EXIT'):

        break

    elif (Enter\_Products == 'SHOW'):

        break

    else:

        file.write(Enter\_Products + '\n')

file.close()

if (Enter\_Products == 'SHOW'):

    file = open('to-do-file.txt', 'r')

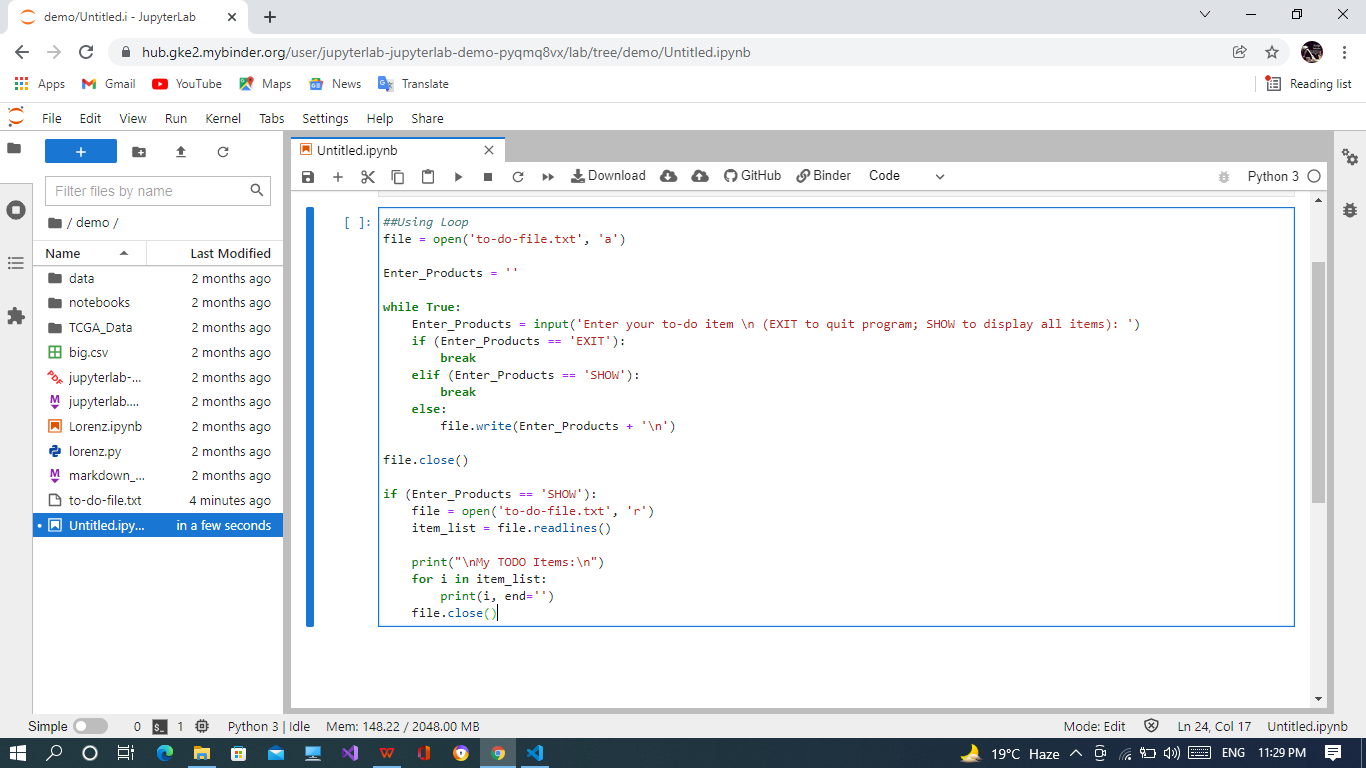
    item\_list = file.readlines()

    print("\nMy TODO items:\n")

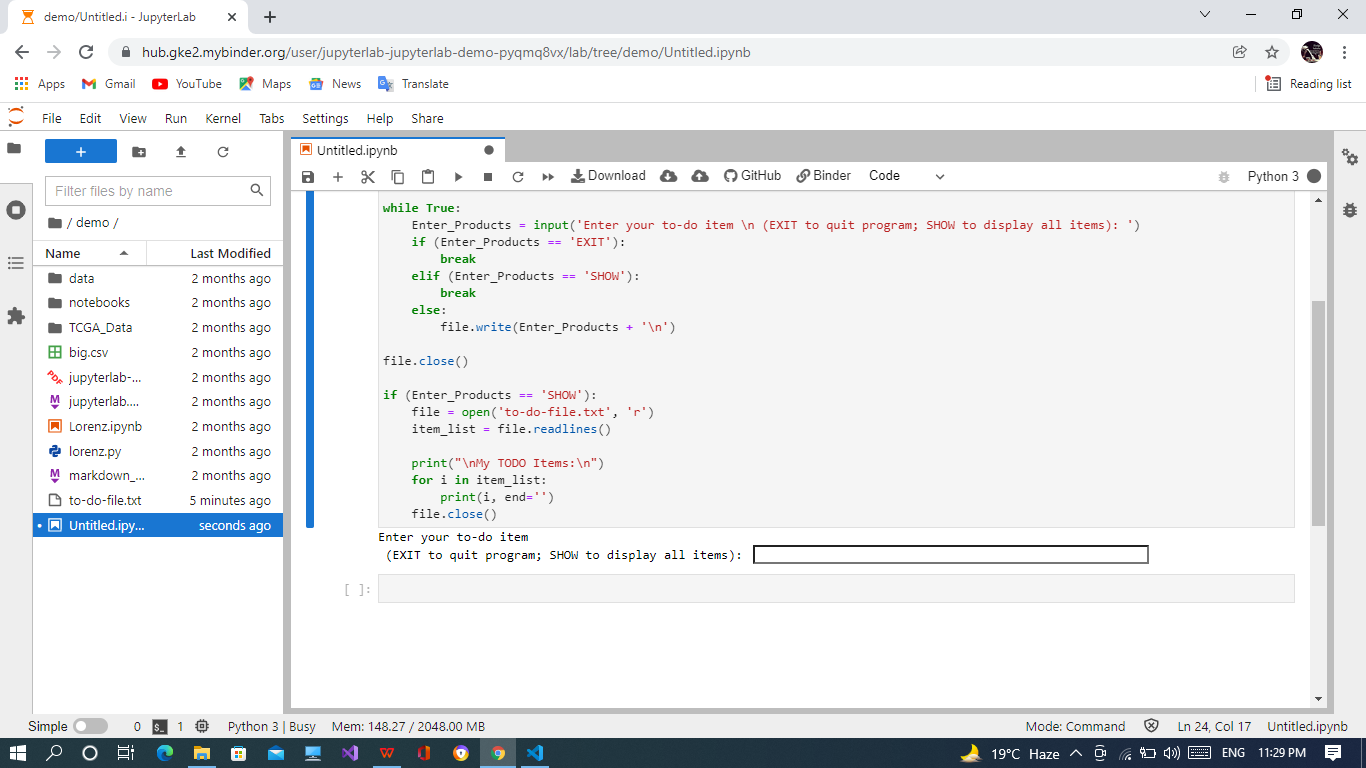
    for i in item\_list:

        print(i, end='')

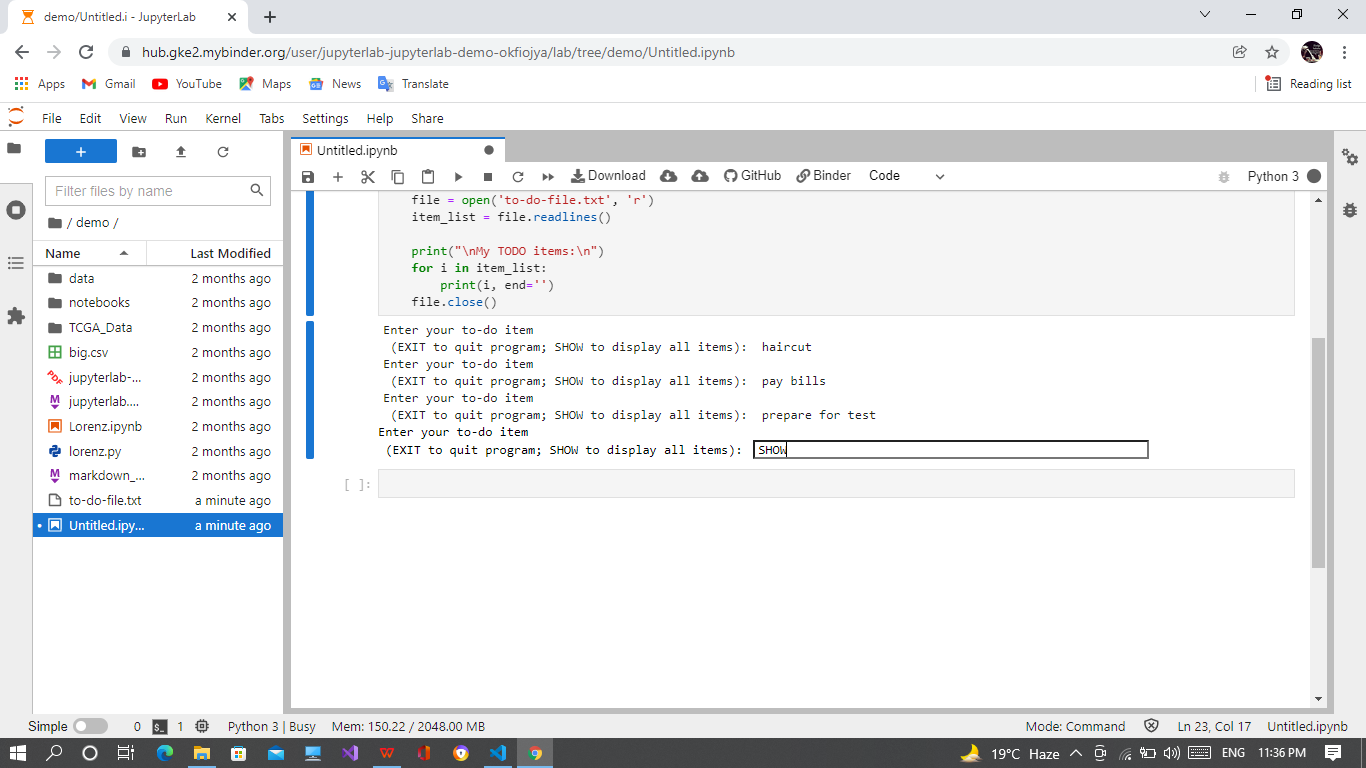
    file.close()

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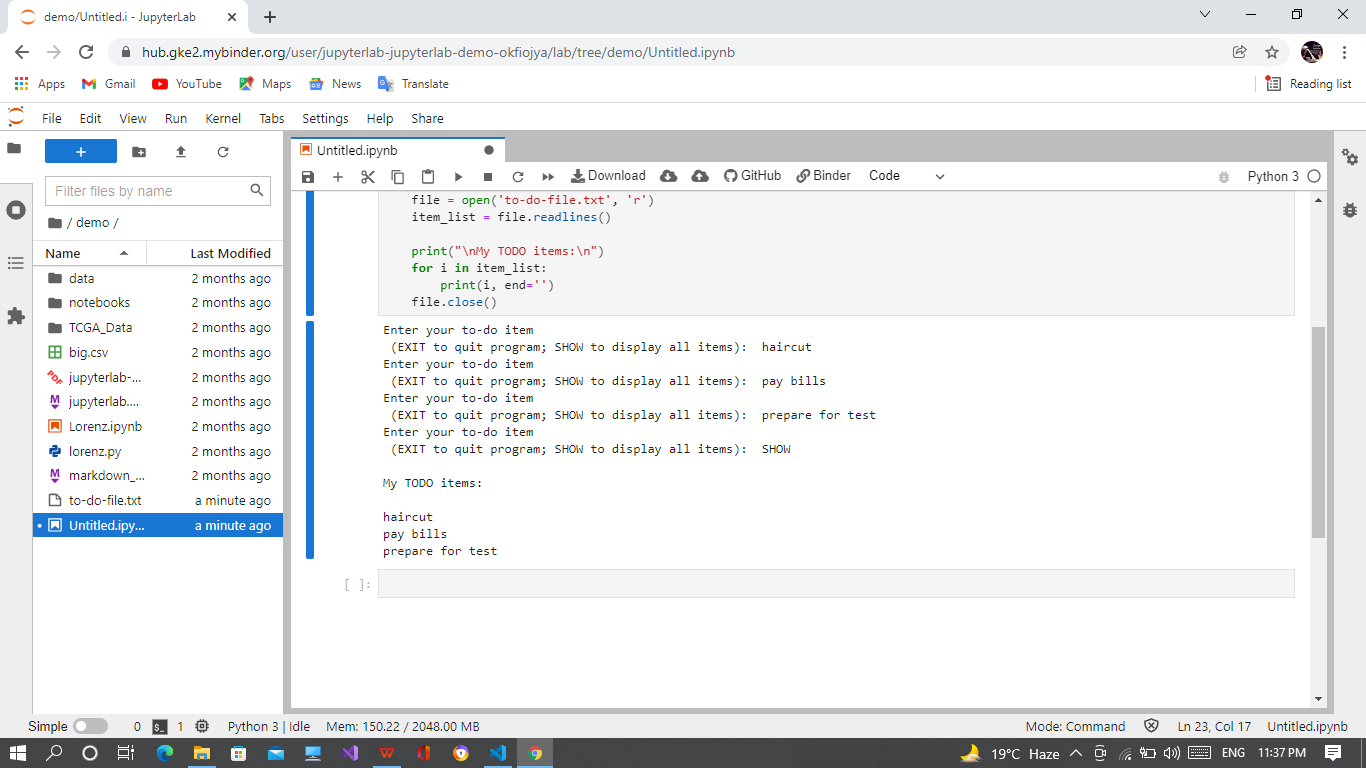
**Entering The LIST:**

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**Show TODO-LIST:**

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**Output TODO-LIST:**

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**The End**