1. Write a python code to convert the first letter for every word in the string in capital form

f = open("D://abc.txt",'r')

>>> str = f.read()

>>> str.title()

'Hello World'

>>>f.close()

1. Write a python code to perform read, write and append function

**READ**

f = open("D://abc.txt",'r')

>>> print(f.read())

hello world

>>>f.close()

**WRITE**

f = open("D://abc.txt",'w')

>>> f.write("Welcome to python programming")

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>>> print(f.read())

>>>f.close()

**APPEND**

f = open("D://abc.txt",'a')

>>> f.write("Hello World")

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>>> f.close()

1. write a python code to add two matrices

X = [[1,2,3],

[4 ,5,6],

[7 ,8,9]]

Y = [[9,8,7],

[6,5,4],

[3,2,1]]

result = [[0,0,0],

[0,0,0],

[0,0,0]]

# iterate through rows

for i in range(len(X)):

# iterate through columns

for j in range(len(X[0])):

result[i][j] = X[i][j] + Y[i][j]

for r in result:

print(r)

1. write a code to create two SETs in Python

A set is an unordered collection of items. Every element is unique (no duplicates) and must be immutable (which cannot be changed).

However, the set itself is mutable. We can add or remove items from it.

Sets can be used to perform mathematical set operations like union, intersection, symmetric difference etc.

# set of integers

my\_set = {1, 2, 3}

print(my\_set)

# set of mixed datatypes

my\_set = {1.0, "Hello", (1, 2, 3)}

print(my\_set)

1. write a python code to create text file and display first n and last m lines in created file

//File sent sepeartely…..