Write mode will overwrite the existing file and start from scratch, just like when you overwrite a variable’s value with a new value. Pass 'w' as the second argument to open() to open the file in write mode. Append mode, on the other hand, will append text to the end of the existing file. You can think of this as appending to a list in a variable, rather than overwriting the variable altogether. Pass 'a' as the second argument to open() to open the file in append mode.

**Program 1: [using write mode]**

import os

>>> os.chdir("E:\VAM")

>>>myfile = open("hello.txt", 'w')

>>> myfile.write("Hi!")

>>> myfile.close()

>>> myfile = open("hello.txt")

>>> myfile = myfile.read()

>>> print(myfile)

Hi!

**Note:** already the hello.txt file contained “Welcome to python!”. Now after applying the write [‘w’] mode, the contents of the file have been overwritten. The new contents of the file are: “Hi!”

**Program 2: [using append mode]**

mysample = open("hello.txt", 'w')

>>> mysample.write("Hi!\n")

>>> mysample.close()

>>>mysample = open("hello.txt", 'a')

>>> mysample.write("Welcome all buddy programmers")

>>> mysample.close()

>>> mysample = open("hello.txt")

>>> mycontents = mysample.read()

>>> print(mycontents)

o/p:

Hi!

Welcome all buddy programmers