**Que.1-Opening files in different modes(‘r’,’w’,’a’,’r+’,’w+’).**

**Ans.**

* Opening for files user use “open()” function.
* Open function returns file object.
* Open function syntax:

Open(‘filename’,’mode’)

Example., open(‘soham.txt’,’r’)

* Many mods in file handling concept are follows:
* ‘ r ‘ – it’s mode for only read the file.
* ‘ w ‘ – it’s mode for create file if it’s don’t exist,or if it’s exists , so truncates this file.
* ‘a’ – it’s mode for appending for file. And if it doesn’t exist , so creates the file
* ‘ r+ ‘- it’s mode for opens the file for both writing and reading , but file must exist.
* ‘ w+ ‘ –it’s mode for open the file for both reading and writing. And if it doesn’t exist , so create the file, and if it exist truncates the file.

**Que.2-Using the open() function to create and access files.**

**Ans.**

Open Function using in python, to create and access files.

* Opening Files:

Syntax: open(filename,mode)

* Filename : the name of the file which you want to open.
* Mode : it’s specifies how to the file will be used.
* ‘ r ’ = Read mode , opens an existing file for reading.
* ‘ w ‘ = write mode , create a new file for writing.
* ‘ a ‘ = append mode , open any existing file and appends new data.
* Access Files:
* Reading from a file:
* File.read() : read the entire content of the file as a single string.
* File.readline() : read a single line from file.
* File.readlines() : read all lines from the file and return it’s as a list of strings.
* Writing to a file:
* File.write(messege) : writes the specified message tot the file.
* Appending to a file:
* When open the file in append mode (‘ a ‘ )

And use file.write() to add content.

**Que.3-closing files using close().**

**Ans.**

Close files after user using it’s file and , user release system resources using closing a file concept.

Ex.,

File.close()