1. To what does a relative path refer?

Ans: File path starts from the location of file path we are linking from and point to other files in same folder or other folder and location of pointing folder is relative to other folder.

When path is related to current directory is called relative path.

Eg:

1. What does an absolute path start with your operating system?

Ans: When path is related to root directory is called absolute path.

1. What do the functions os.getcwd() and os.chdir() do?

Os.getcwd() = this will get you the current working directory in you system

Eg : os.getcwd()

o/p - 'C:\\Users\\Wise\\FSDS Python'

Os.chdir() = this is used when you want to change the current working directory in you system.

Eg: os.chdir(‘C:\\Users\\Wise\\Downloads\\mysql’)

4. What are the . and .. folders?

Ans: . = child folder

.. = parent folder

5. In C:\bacon\eggs\spam.txt, which part is the dir name, and which part is the base name?

Ans: Base name = spam.txt

Directory name = C:\bacon\eggs

6. What are the three “mode” arguments that can be passed to the open() function?

Ans: three mode arguments:

1. r mode = used to open file in reading mode

f = open(“file\_name”, mode = ‘r’)

1. w mode = used to open file in writing mode, if file doesnot exist it will create it and returns the file

f = open(“file\_name”, mode = ‘w’)

1. a mode = used to append the file to the end

f = open(“File\_name”, mode = “a”)

7. What happens if an existing file is opened in write mode?

Ans: It will overwrites the existing file if it is open in write mode again.

8. How do you tell the difference between read() and readlines()?

Read() – read() will iterate all the lines present in code file separately,

whereas readlines() will iterate in the code file only first line of the code file and take the whole code file as a single code.

9. What data structure does a shelf value resemble?

Ans: shelf value resembles the dict. data structure. Although shelve object are quite similar with dictionary objects the only difference is that dict stores in memory whereas shelf value store on disk file.