1. To what does a relative path refer?

Ans: Relative paths are relative to the current working directory.

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

Ans: Absolute path start with the root folder , for ex- /

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

Ans: The os.getcwd() function return the current working directory.

The os.chdir() function changes the current working directory.

1. What are the . and .. folders?

Ans: The . folder is the current folder, whereas the .. folder is the parent folder.

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

Ans: C:\bacon\eggs is the dir name, while spam.txt is the base name.

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

Ans: The string ‘r’ for read mode, ‘w’ for write mode and ‘a’ for append mode.

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

Ans: An existing file opened in write mode is erased and completely overwritten.

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

Ans: The read() method returns the file’s entire content as a single string value. Whereas The readlines() methods return a list of strings where each string is a line from the file content.

1. What data structure does a shelf value resemble?

Ans: A shelf value resembles a directory values, it has keys and values, along with the keys() and values() methods that work similarly to the dictionary method of the same names.