1. To what does a relative path refer?

Answer : the location of a file relative to the current (working) directory

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

Answer: An absolute path always begins from the absolute start of your hard drive and describes every step you must take through the filesystem to end up at the target location.29-Sept-2022

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

Answer: os. chdir() method changes the current working directory to a specific path.

* + 1. Os.getcwd() return the path of the current directory.

1. What are the . and .. folders?
   1. Answer: The . represents the current directory.
   2. The .. represents the parent directory.
2. In C:\bacon\eggs\spam.txt, which part is the dir name, and which part is the base name?

Answer: dir name : eggs

* + 1. Base name : spam.txt

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

Answer: read mode, write mode, append mode

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

Answer: Opening an existing file in write mode ('w') will truncate its existing content, and if the file doesn't exist, Python will create a new empty file with the specified name.

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

Answer: read() : Reads the entire content of the file as a single string.

* + 1. Readlines(): Reads the file line by line and returns a list where each element is a line of the file.

1. What data structure does a shelf value resemble?

Answer: In Python, a shelf value resembles a dictionary data structure.