1. To what does a relative path refer?

ANS : relpath() method in Python is used to get a relative filepath to the given path either from the current working directory or from the given directory.

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

ANS : Absolute path names always begin with the slash (/) symbol. Traces the path from the current directory through its parent or its subdirectories and files. An absolute path name represents the complete name of a directory or file from the /(root) directory downward.

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

ANS : os.getcwd() gives current working directory name. os.chdir() use to change current working directory.

1. What are the . and .. folders?

ANS : The single dot is a meta-location, meaning the folder you are currently in. The double dot is an indicator that you can move back from this location. That is, you're in a folder inside of another folder.

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

ANS : eggs is directory name and C is base name.

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

ANS : “r”, “w”, “r+”, “a”

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

ANS : changes can be made in the file.

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

ANS : read() reads full file. Readlines() reads file data line by line.

1. What data structure does a shelf value resemble?

ANS : What data structure does a shelf value resemble? A shelf value resembles a dictionary value; it has keys and values, along with keys() and values() methods that work similarly to the dictionary methods of the same names.