1. To what does a relative path refer?

Ans. A relative path is a path that is relative to the current working directory.

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

Ans. The absolute path starts with the drive letter on Windows, or with a forward slash on Unix.It contains the entire path to the file or directory that you need to access.

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

Ans. The os.getcwd() function returns the current working directory and the os.chdir() function changes the current working directory.

1. What are the . and .. folders?

Ans. The . and .. folders are the current and parent directory, respectively.

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

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

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

Ans. The three “mode” arguments that can be passed to the open() function are "r", "w", and "a".

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

Ans. If an existing file is opened in write mode, the existing data in the file is erased.

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

Ans. read() reads in the entire contents of a file as a string. readlines() reads in the entire contents of a file as a list of strings, where each string is a line from the file.

1. What data structure does a shelf value resemble?

Ans. A shelf value in python resembles a dictionary.