1. To what does a relative path refer?

Answer 1: A relative path refers to a location that is relative to a current directory. Relative paths make use of two special symbols, a dot (.) and a double-dot (..), which translate into the current directory and the parent directory. Double dots are used for moving up in the hierarchy.

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

Answer 2: An absolute, or full, path begins with a drive letter followed by a colon, such as D:.

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

Answer 3: os.getcwd() – Get current working directory address

os.chdir() – Changes the current working directory

1. What are the . and .. folders?

Answer 4: . is current directory in relative path

.. is the parent directory in relative path

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

Answer 5: Dir = C:\bacon\eggs

Base Name = spam.txt

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

Answer 6: Modes: ‘r’ – read, ‘w’ – write, ‘a’ - append

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

Answer 7: The existing file is wiped clean and is ready for new input.

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

Answer 8: read() – iterates through every character

readlines() - It returns a list containing each line in the file as a list item

1. What data structure does a shelf value resemble?

Answer 9: A shelf value resembles dictionary data structure.