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.** An absolute path is defined as the specifying the location of a file or directory from the root directory(/ or C:\). In other words we can say absolute path is a complete path from start of actual filesystem from / directory

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

**Ans.** The os.getcwd() function returns the current working directory.

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

1. What are the . and .. folders?

**Ans.** Generally . signifies a current directory and .. signifies a directory above the parent directory.

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 contents as a single string value. The readlines() method returns a list of strings, where each string is a line from the file's contents.

1. What data structure does a shelf value resemble?

**Ans.** 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.