

1. To what does a relative path refer?

A relative path refers to a location that is relative to a current directory.

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

An absolute path refers to the complete details needed to locate a file or folder, s path.

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

`os.getcwd()` his function allows you to see what your current working directory is.

`os.chdir()` method in Python used to change the current working directory to specified path. It takes only a single argument as new directory path.

4. What are the `.` and `..` folders?

Directory `.` represents the current directory, it is a way to reference files and directories using a relative path. E.g. `./subdir1/subdir2/somefile`

Directory `..` represents the home directory, it is a way to reference files and directories using a relative path. E.g. `../subdir1/subdir2/somefile`

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

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

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

`r` - read mode

`w` - write mode

`a` - append mode

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

If a file with the same name already exists, its contents are discarded and the file is treated as a new empty file.

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

The main difference is that `read()` will read the whole file at once and then print out the first characters that take up as many bytes as you specify in the parenthesis versus the `readline()` that will read and print out only the first characters that take up as many bytes as you specify in the parenthesis.

9. What data structure does a shelf value resemble?

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.