

1. To what does a relative path refer?

Solution - Relative paths are relative to the current working directory.

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

Solution - Absolute paths start with the root folder, such as / or C:\.

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

Solution - The `os.getcwd()` function returns the current working directory. The `os.chdir()` function changes the current working directory

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

Solution - The `.` folder is the current folder, and `..` is the parent folder

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

Solution - `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?

Solution - The string 'r' for read mode, 'w' for write mode, and 'a' for append mode

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

Solution - An existing file opened in write mode is erased and completely overwritten.

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

Solution - 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.

9. What data structure does a shelf value resemble?

Solution - 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