

1. To what does a relative path refer?

Ans: Relative path refers to location which is with respect to the present working directory.

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

Ans: Absolute path refers to complete information to locate a file or folder from the root element.

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

Ans: `os.getcwd()` returns current working directory of process/program.

`os.chdir()` is used to change the cwd to desired directory.

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

Ans: `.` is current directory whereas `..` is parent directory

5. 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.

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

Ans: `r` - read mode, `w` - write mode, `a` - append mode

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

Ans: Its content is discarded and it is treated as new empty file

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

Ans: `read()` : Reads the size bytes from the current position of the file. If there is no parameter, the entire file is read by default.

`readlines()` : Read the entire file and save it in a list with each line in the file as an element in the list (including `'\n'`, `'\t'`)

9. What data structure does a shelf value resemble?

Ans: Dictionary