

1. To what does a relative path refer?

- Relative path is the path which is to be taken from the current working directory to reach the file i.e. a location that is relative to the current working directory.

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

- Absolute path contains the full directory or the path from the root folder or drive in the which the file is located.

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

- `os.getcwd()` → shows the current working directory (cwd – current working directory)
- `os.chdir()` → takes a path and changes the current working directory to that path.

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

- `cd .` shows the current folder and `cd ..` shows the parent folder of the current folder

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

- Directory name only contains the folder information. So, `C:\bacon\eggs` part is the directory name and `spam.txt` is the base name.

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

- `'w'` for write mode
- `'a'` for append mode
- `'r'` for read mode

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

- It will overwrite that existing file

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

- Method `read()` returns a single string for all the lines in the file
- Method `readlines()` returns a list of all the lines in the file

9. What data structure does a shelf value resemble?

- Dictionary