

1. To what does a relative path refer ?

Ans: The relative path refers to the path to a file with respect to your current working directory.

2. Where does an absolute path start with your Operating System ?

Ans: Absolute path begins at the home directory of the computer which is /. for Linux based systems and C: in Windows.

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

Ans: `os.getcwd()` : returns location of current working directory.

`os.chdir()` : changes current working directory to specified path.

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

Ans: `.` represents CWD and `..` represents PWD of the CWD

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 dir name and `spam.txt` is base name.

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

Ans: It takes two arguments : `open(filename, mode)`

It also takes the default mode argument which is `'r'` – read mode

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

Ans: write mode overwrites existing content in a file.

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

Ans: `read()` reads the whole file at once and prints out the first characters with the specified bytes, it iterates over each character in the file separately.

`readline()` reads and prints out only the first characters with specified bytes, it reads only single line of the file.

9. What data structure does a shelf value resemble ?

Ans: shelf value resembles dictionaries containing keys and values.