1. To what does a relative path refer?

**Answer :**

Relative path refers to a location that is relative to a current working directory.

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

**Answer :**

Absolute path starts with a root folder, such as C:\ or /.

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

**Answer :**

os.getcwd() will return the current working directory.

os.chdir() will change the current working directory.

4. What are the . and .. folders?

**Answer :**

. – Current folder

.. – Parent folder

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

**Answer :**

C:\bacon\eggs\ - directory name

spam.txt – Base name

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

**Answer :**

1. w – Write mode
2. r – Read mode
3. a – Append mode

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

**Answer :**

If we open an already existing file in ‘w’ mode, the contents of the file will be discarded or overwritten and the file will be treated as new empty file.

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

**Answer :**

read() – Returns the file’s entire content as a single string value.

readlines() – Returns a list of strings, where each string is a line from files content.

9. What data structure does a shelf value resemble?

**Answer :**

A shelf value resembles dictionary values, it has keys and values, along with keys() and values() methods that works similarly as a dictionary methods.