1. To what does a relative path refer?

Answer: A relative path refers to the path of a file with respect to current working directory.

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

Answer: Absolute path contains the entire path to a file or directory you want to access. It starts with ‘\’ and the root of the directory.

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

Answer: os.getcwd() – This is used to get the location of current working directory.

os.chdir() – Changes the current directory to the directory you provide as an input. It takes only single argument as new directory path.

4. What are the . and .. folders?

Answer: ‘.’ is the current directory and ‘..’ is the parent directory and you use this to go to parent paths without typing the full path.

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

Answer: dir - C:\bacon\eggs, base= spam.txt

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

Answer: read – r , write – w, append - a

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

Answer: You will able to perform write operations in that file. The file will be erased and it will be overwritten.

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

Answer: read() will read all the content in one string without giving any gaps in the output console.

readlines() will read each line separately like a list of strings and returns line by line in output console.

9. What data structure does a shelf value resemble?

Answer: A shelf is like a dictionary with keys and values and shelf value works same like a dictionary methods with keys and values.