1. To what does a relative path refer?

ANS – It refers to a location that is relative to a current directory.

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

ANS – The Absolute path will begin at the home directory of our computer and will end with the file or directory that you wish to access.

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

ANS – The function os.getcwd() allows us to see what is our current working directory. The function os.chdir() allows us to set the current working directory to a path of our choice.

4. What are the . and .. folders?

ANS – The . is the current directory whereas the .. means the 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 and “spam.txt” is the base name.

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

ANS – w : opens in write-only mode.

w+ : opens a file for writing and reading mode.

r : opens the file in read-only mode.

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

ANS – Its contents are discarded and the file is treated as a new empty file.

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

ANS – As we read the code, read() is used to read only single character from the standard output and whereas readlines() is used to read a line or string from the standard output.

9. What data structure does a shelf value resemble?

ANS – A dictionary value.