1. To what does a relative path refer?

- A location that is relative to the current directory is referred to as relative path.

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

- It refers to the entire path to the home directory.

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

-os.getcwd()- it returns the current working directory.

os.chdir()- is used to change the current working directory path to a desired path.

4. What are the . and .. folders?

- ‘.’ Represents the current working directory/folder whereas ‘..’ represents the parent directory.

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

- dir name- C:\bacon\eggs

Base name- spam.txt

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

- string ‘r’- read mode; string’w’-write mode; string ‘a’-append mode.

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

- When an existing file is opened in write mode, it is erased and overwritten.

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

- read()- returns the overall content of a file as a string value.

readlines()- returns each line of the content of the file as a list of strings.

9. What data structure does a shelf value resemble?

- The shelf value is used to resemble a dictionary.