1. To what does a relative path refer?

Ans: The relative path refers to a location of a current directory.

Eg: assignments\assignment\_9.docx

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

Ans:The absolute path will start at the directory of our computer and will end with the file or folder that we want to access.

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

Ans: The os.getcwd() method is used to return the path of the current directory.The os.chdir() method is used to change the current directory to a specified path.

1. What are the . and .. folders?

Ans: (.)represents this directory and (..) represents parent directory.It makes things quicker at command line so that we don’t need to type out full paths.

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

Ans: base name-> spam.txt

Dir name-> c:\bacon\eggs

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

Ans: The three mode arguments are:

‘w’-> open for writing.

‘a’-> open for appending.

‘r’-> open for reading in text mode.

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

Ans: If an existing file is opened in write mode then the previous content is erased and file is treated as a new empty file.

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

Ans: The read() method iterates over each character whereas, readlines() method reads only single line of the file.

1. What data structure does a shelf value resemble?

Ans: A shelf value resembles a dictionary value. It has keys() and values() method similar to a dictionary.