1. To what does a relative path refer?

A relative path describes the location of a file relative to the current (working) directory

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

directory from the root directory(/)

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

os.getcwd() returns current working directory of a process.

os.chdir() changes the current working directory to the given path.

1. What are the . and .. folders?

The . folder is the current folder, and .. is the parent folder.

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

C:\bacon\eggs – Directory name

Spam.txt - Base name

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

r – read, w- write and append (a)

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

An existing file opened in write mode is erased and completely overwritten.

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

The read method reads the entire contents of a file and returns it as a string.

The readline method reads a single line from a file and returns it as a string. This means that if you use readline, you can read the contents of a file line by line, which can be useful for processing large files that do not fit in memory.

1. What data structure does a shelf value resemble?

Dictionary