1. To what does a relative path refer?

A relative path refers to a location that is relative to a current directory. Relative paths make use of two special symbols, a dot (.) ... The current directory is sometimes referred to as the root directory.

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

The absolute path is the full path to some place on your computer

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

The method os.getcwd() in Python returns the current working directory of a process.

The current working directory of a process can be changed by calling the Python method os.chdir().

1. What are the . and .. folders?

When we print relative path it adds .. at the starting of the path

Eg

../User/Desktop/file.txt

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

Base name: spam.txt

Dir name : C:\bacon\eggs

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

'r' Open a file for reading. (default)

'w' Open a file for writing. Creates a new file if it does not exist or truncates the file if it exists.

'x' Open a file for exclusive creation. If the file already exists, the operation fails.

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

If a file with the same name already exists, its contents are discarded and the file is treated as a new empty file.

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

The . read() would treat each character in the file separately, meaning that the iteration would happen for every character. The readline() function, on the other hand, only reads a single line of the file.

1. What data structure does a shelf value resemble?

A **shelf value resembles** a dictionary **value**; it has keys and **values**, along with keys() and **values**() methods that work similarly to the dictionary methods