1. To what does a relative path refer?

ANS A relative path refers to a location that is relative to a current directory. Relative paths make use of two special symbols, a dot (.) and a double dot (..), which translate into the current directory and the parent directory. Double dots are used for moving up in the hierarchy.

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

ANS An absolute path makes no assumptions about your current location in relation to the location of the file or directory it's describing. An absolute path always begins from the absolute start of your hard drive and describes every step you must take through the filesystem to end up at the target location

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

ANS The os. chdir() method changes the current working directory to a specific path. Tip: The current working directory can be printed using the os. getcwd() method.

1. What are the . and .. folders?

A folder is a storage space, or container, where many files can be placed into groups and organize the computer. A folder can also contain other folders. For many computer software applications, there is a current working directory.

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

ANS 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, while spam. txt is the base name.

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

AN

|  |  |
| --- | --- |
| **Mode** | **Description** |
| '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?

ANS To open a file in write mode, “w” is specified. When mode “w” is specified, it creates an empty file for output operations. What if the file already exists? 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()?

ANS Read method reads the whole file as a single string while readlines segregates each of the line in the file and you then can later on call them line by line.

1. What data structure does a shelf value resemble?

ANS 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 of the same names

FINISH\*\*\*\*