1. To what does a relative path refer?

Relative path refers to the path that is relative to the current working directory.

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

Absolute path is the full path to a location in the file. It starts with the root followed by the directory names from the root until the directory in which specific file is present.

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

os.getcwd() – gets current working directory

os.chdir() – changes directory to another.

1. What are the . and .. folders?

. – refers to current directory

.. – refers to the parent directory

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

C:\bacon\eggs is dir name, spam.txt is the base name.

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

‘r’ – read

‘w’ – write

‘a’ - append

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

New data is overwritten into the existing file thus delete the old data in it.

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

read() – returns the entire file as one string.

readlines() – returns list of strings in which each line is an element in the list.

1. What data structure does a shelf value resemble?

Shelf resembles dictionary. Shelf name is the key and books are the values.