1. To what does a relative path refer?

A **relative path refers** to a location that **is relative** to a current directory. A **relative path refers** to a location that **is relative** to a current directory.

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

Absolute path starts with ‘/’

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

Os.getcwd() – returns the path of current working directory

Os.chdir() – changes current working directory to the specified path(as parameter for chdir() function)

1. What are the . and .. folders?

. is current directory and .. is parent directory

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

Dir name - C:\bacon\eggs

Base name - C:\bacon\eggs\spam.txt

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

r - Read – opens file in read mode

w- Write – opens file in write mode

1. Append - Opens a file for appending at the end of the file without truncating it. Creates a new file if it does not exist
2. What happens if an existing file is opened in write mode?

If an existing file is opened in write mode, all previous data will be erased.

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

Read(n) - Reads and returns a string of n characters, or the entire file as a single string if n is not provided

Readlines(n) - Returns a list of strings, each representing a single line of the file. If n is not provided then all lines of the file are returned. If n is provided then n characters are read but n is rounded up so that an entire line is returned.

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 of the same names.