1. To what does a relative path refer?

A relative path in Python is a path that describes the location of a directory relative to the entry point where you run the Python script.

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

An absolute path makes no assumptions about your computer location in relation to the location of the file or directory its descending . 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?

Os.getcwd :- return current working directory of a process

Os.chdir :- changes the current working directory to a specified path instances

1. What are the . and .. folders?

. :- it signifies the current directory

.. :- it signifies 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 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?

Ans:- ‘r’ :- open a file for reading. (default)

‘w’ :- open a file for writing .Create 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:- “W” – Write mode – it opens a file in write mode to write data in it, if the file is opened in write mode then existing data will be removed , it also creates a file,if the file does not exist. “X” – Creates a file, if the file already exists, it returns an error.

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

Ans8:- The read() will read the whole file at once and then print out the first characters that take up as many bytes as you specify in the parathesis versus the readlines that will read and print out only the first characters that take up as many bytes as you specify in the parenthesis

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 dicitionary methods of the same names