1. To what does a relative path refer?

Relative path names are **used to specify the name of a file in the current directory or the path name of a file or directory above or below the level of the current directory in the file system**.

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

An absolute path is defined as specifying the location of a file or directory from the root directory(/). In other words,we can say that an absolute path is a complete path from start of actual file system from **/ directory**.

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

getcwd() : CWD stands for Current Working Directory. This function allows you to see what your current working directory is. chdir("path-to-dir") : Short for CHange DIRectory, this function allows you to set the current working directory to a path of your choice.

1. What are the . and .. folders?

A folder, also called a directory, is a space used to store files, other folders, and shortcuts on a computer.

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 (or file) name = spam.txt

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

* r : Opens the file in read-only mode. ...
* rb : Opens the file as read-only in binary format and starts reading from the beginning of the file. ...
* r+ : Opens a file for reading and writing, placing the pointer at the beginning of the file.

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

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**.

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

The only difference between the Read() and ReadLine() is that **Console.** **Read is used to read only single character from the standard output device, while Console.** **ReadLine is used to read a line or string from the standard output device**

9. 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.