1. To what does a relative path refer?

is relative to a current directory.

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

points to the same location in a file system, regardless of the current working directory.

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

os.chdir() method in Python used to change the current working directory to specified path. It takes only a single argument as new directory path.

To know the current working directory of the file, getcwd() method can be used. After changing the path, one can verify the path of current working directory using this method.

1. What are the . and .. folders?

The . folder is the current folder, and .. is the parent folder.

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

spam. txt is the base name.

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

The string 'r' for read mode, 'w' for write mode, and 'a' for append mode

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

it creates an empty file for output operations.

An existing file opened in write mode is erased and completely overwritten.

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

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.