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

2- An absolute path refers to the complete details needed to locate a file or folder, starting from the root element and ending with the other subdirectories.

3- os.getcwd() - get current working directory

os.chdir() - change directory

4- The . is the current directory, while .. signifies the parent directory.

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

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

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

8- The read() method returns the file's entire contents as a single string value. The readlines() method returns a list of strings, where each string is a line from the file's contents.

9- 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.