**ASSIGNMENT:9**

**1.** To what does a relative path refer?

**Ans:** Relative paths are relative to the current working directory.

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

**Ans:** Absolute paths start with the root folder, such as / or C:.

**3.** What are the . and .. folders?

**Ans:** The . folder is the current folder, and .. is the parent folder.

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

**Ans:** C:\bacon\eggs is the name, while spam.txt is the base name.

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

**Ans:** The string 'r' for read mode, 'w' for write mode, and 'a' for append mode.

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

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

**7.** How do you tell the difference between read() and read lines()?

**Ans:** The read() method returns the file’s entire contents as a single string value. The read lines() method returns a list of strings, where each string is a line from the file’s contents.

**8.** What data structure does a shelf value resemble?

**Ans:** 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.