**Assignment\_9**

1. To what does a relative path refer?

**Ans: Relative paths refers to location that is relative to a current directory.**

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

**Ans: They are used in websites and od for lactating files and folders.**

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

**Ans: os.getcwd(): This function allows you to see what yours current working directory is.**

**Os.chdir(): changes the current working directory to given path. It returns NONE in all the cases**.

4. What are the . and .. folders?

**Ans: These are special symbols which translate into the current directory and parent directory.**

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

**Ans: In C:\bacon\eggs:- dir name**

**Spam.txt: base name**

6. 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.**

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

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

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

**Ans: The read() method return the file’s entire contents as a single value.**

**The readlines() method returns a list of strings, where each string is a line from the file’s contents.**

9. 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.**