**Assignment 9**

1. To what does a relative path refer?

Ans: Relative path is the location of the given file or directory from our current directory or file.

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

Ans: The absolute path starts at home (/) directory of the computer.

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

Ans: Function os.getcwd() returns the current working directory in python and os.chdir() changes the current working directory to given directory by passing path argument to os.chdir(), where path is the string containing location of the changing directory.

4. What are the . and .. folders?

Ans: . Is the current directory and .. is the parent directory.

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

Ans: In the C:\bacon\eggs\spam.txt ‘C:\bacon\eggs’ is the dir name and ‘spam.text’ is the base name.

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

Ans: Three mode arguments are r, w and a. ’ r’ is used for read, ‘w’ for write and ‘a’ for append.

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

Ans: It will overwrite the whole content.

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

Ans: read() function reads the whole file and readlines() reads only one line of the file.

9. What data structure does a shelf value resemble?

Ans: Shelf value resembles dictionary value data structure.