**Rishabh Kant Jha’s assignment – 9**

1. To what does a relative path refer?

> It originates fromt he curent working directory

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

> [C:/](../../../C:/) I am using Windows

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

> os.getcwd() : get current working directory

> os.chdir() : chdirectory

4. What are the . and .. folders?

> .

> .. : chdir.. goes to previous directory

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

> Base: C:

> Directory:bacon

> Subdirectory: eggs

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

> r: read

> r+: read and write

> w: write

> a: append

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

> It will delete existing data and it will be considered as a new file.

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

> read(): will read the entire file in one go.

> readlines(): reads one line at a time.

9. What data structure does a shelf value resemble?

> it resembles a dictionary value with key() and value().