1.To what does a relative path refer?

Solution: relative path refer to a location that is relative to a current directory. The relative path use two special symbols, a dot (.) and a double-dot (..), which translate into the current directory and the parent directory.

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

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

Solution:

os.getcwd():the function prints the current directory

os.chdir() :fuction will change the our current directory to particular directory

4. What are the . and .. folders?

Solution:the dot(.) folder represents current direcrtory folder. And double dot(..) folder represents parent directory folder.

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

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

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

Solution:

The three mode arguments were that we can passed to open() function is 1.open the file for read\_only(“r”),2.open the file for read only in binary formate(“rb”) , 3.open the file for read and write(“r+”)

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

Solution: If an existing file is opened in write mode it delete the data in the file and treated as an new empty file.

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

Solution: read(): this function read whole file at once and print whole data ,if we specify to stop at specific character then we need to give it index ex: read(30)

readlines():this function read whole file at once and print whole data, if we specify to stop at specific character then we need to give it index were if our file is too big then we use it.

9. What data structure does a shelf value resemble?

Solution: A shelf value resembles a dictionary value.