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

**ANS :**

* **A relative path refers to a location that is relative to a current directory**
* **Also known as partial path**
* **URL that only contains a portion full path**
* **Its complete location is based on its relation to the directory where it is linking**

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

**Ans :**

* **Absolute paths are used in websites and operating systems for locating files and folders**
* **An absolute file path describes how to access a given file or directory**, **starting from the root of the file system**

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

**Ans:**

* **os.chdir()**🡪 **used to change the current working directory to the specified path**
* **os.getcwd()**🡪 **return the current working directory of a process**

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

**Ans :**

**. 🡪 current folder**

**.. 🡪 parent folder**

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

**Ans :**

**dir name🡪C:\bacon\eggs**

**base name🡪 spam.txt is the base name.**

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

**Ans :**

|  |  |
| --- | --- |
| **r** | **For reading** |
| **w** | **For writing** |
| **a** | **For append** |

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

**Ans: original contain is erased and overwritten what we write**

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

* **read()** 🡪**method returns the file’s entire contents as a single string value.**
* **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?**

* **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.**