

1. To what does a relative path refer?

Ans:- A relative path refers to a location that is relative to a current directory.

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

Ans:- An absolute path will begin at the home directory of a computer and will end with the file or directory that you wish to access.

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

Ans:- `os.getcwd()` function is to get current working directory from the operating system and `os.chdir()` is to change directory from the operating system.

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

Ans:- The `.` signifies the current directory and `..` signifies the parent directory.

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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` is dir name and `spam.txt` is the base name.

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

Ans:- The three “mode” arguments that can be passed to the `open()` functions are:-

- 1) `r`: opens the read-only mode
  - 2) `rb`: opens the file as read-only in binary format.
  - 3) `r+`: opens a file for reading and writing.
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7. What happens if an existing file is opened in write mode?

Ans:- If an existing file is opened in write mode then the contents are discarded and the file is a new empty file.

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

Ans:- `read()` is to read entire text file at once where as `readlines()` is to read text file line by line.

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9. What data structure does a shelf value resemble?

Ans:- A shelf value resemble represents a dictionary value.

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