1. To what does a relative path refer?

Ans. A relative path refers to a current working directory.

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

Ans. starts with root folder Example: / or C:\

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

Ans.  
os.getcwd() : return the current working directory  
os.chdir() : changes the current working directory

1. What are the . and .. folders?

Ans.   
.folder (single dot) means the current folder

..folder (double dot) means parent folder

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

Ans.  
dir name is c:\bacon\eggs

base name is spam.txt

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

Ans. ‘r’, ‘w’ and ‘a’  
‘r’ for the read mode  
’w’ for the write mode  
‘a’ for the append mode

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

Ans. it will erase the contents and overwrite the existing file as a new empty file

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

Ans .  
read() : method returns the entire file contents as a single string value.

readlines() : method returns a list of strings where each string is line of content from file

1. What data structure does a shelf value resemble?

Ans. A shelf value has key and values similar to dictionary methods. It has key() and value() methods.