**Python – Assignment 9**

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| 1 | To what does a relative path refer? |
|  | Relative paths are paths relative to the current working directory. |
| 2 | What does an absolute path start with your operating system? |
|  | Absolute path start with the root folder. For eg. / or C:\ |
| 3 | What do the functions os.getcwd() and os.chdir() do? |
|  | os.getcwd() – Current working directory path  os.chdir() – Changing the current working directory to another directory |
| 4 | What are the . and .. folders? |
|  | . : Means the current folder  .. : Means the parent/previous folder of the current folder. |
| 5 | In C:\bacon\eggs\spam.txt, which part is the dir name, and which part is the base name? |
|  | Directory Name – C:\bacon\eggs  Base Name – spam.txt |
| 6 | What are the three “mode” arguments that can be passed to the open() function? |
|  | Read (‘r’), Write (‘w’) and Append (‘a’) |
| 7 | What happens if an existing file is opened in write mode? |
|  | The contents of the existing file is removed and overwritten. |
| 8 | How do you tell the difference between read() and readlines()? |
|  | read() : Reads entire file content as a single string value.  readlines() : Returns a list of strings, with each element as a line from the file. |
| 9 | What data structure does a shelf value resemble? |
|  | It resembles a dictionary value, since it has keys and values. And it has similar keys() and values() functions as well, as that of dictionary. |