

## Assignment 9

### Solutions

- 1)  
Relative paths refer to the current working directory
- 2)  
Absolute path always starts with the root folder (/, :\\)
- 3)  
`os.getcwd()` returns the current working directory and `os.chdir()` is used to change the working directory
- 4)  
. folder means the current folder and .. folder means the parent folder
- 5)  
In `C:\\bacon\\eggs\\spam.txt`, `C:\\bacon\\eggs` is the dir name and `spam.txt` is the base name
- 6)  
The three “mode” arguments that can be passed to the `open()` function are:
  - a) 'r' : read mode
  - b) 'w' : write mode
  - c) 'a': append mode
- 7)  
If an existing file is opened in write mode, it will be overwritten

8)

The difference between `read()` and `readlines()` is that `read()` returns a single string of content and `readlines()` return list containing each line as a string

9)

A shelf value resembles a dictionary