1. To what does a relative path refer?

```
In [1]:  # A relative path refers to the location that is relative to current directory
```

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

```
In [2]:  # Absolute path starts with (/) symbol or C:\.
```

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

```
In [3]:  # os.getcwd() is used to get current working directory
         # os.chdir() is used to change the current directory to specified directory
```

4. What are the . and .. folders?

```
In [4]:  # . refers to child folder or current folder
         # .. refers to parent folder
```

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

```
In [5]:  # In C:\bacon\eggs\spam.txt, "C:\bacon\eggs" is the directory name and "spam.txt" is the base name
```

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

```
In [6]:  # Three modes 'r' - read , 'w' - write, and 'a' - append
```

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

```
In [7]:  # An existing file opened in write mode is erased and will be overwitten.
```

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

```
In [8]:  # The read() method returns the file's entire contents as a single string value.
         # The readlines() method returns a list of strings, where each string is a line.
```

9. What data structure does a shelf value resemble?

```
In [9]:  # A shelf value resembles a dictionary value which has keys, values, along with keys() and
         # values() methods that work similarly to the dictionary methods of the same names.
```