1. To what does a relative path refer?

* Relative path refers to current folder or path

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

* For linux , absolute path starts with /home

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

* os.getcwd() -> It refers to current working directory
* os.chdir() -> It is used to change the current working directory to the provided path

4. What are the . and .. folders?

* Single dot(.) refers to current working folder
* double dot(..) refers to parent 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?

* ‘r’ -> to open read mode , ‘w’ -> to open write mode, ‘a’ -> to open append mode

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

* Existing data will be deleted from the file and data gets added into file from line 1.

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

* Read() -> read the file line by line
* readlines() -> reads the entire file data at once

9. What data structure does a shelf value resemble?

* May be dictionary, because shelf number can be key and books are values