1. To what does a relative path refer?

location with respect to current directory.

Single Dot (.) means *Current Directory*

Double Dot (..) means *Parent Directory*

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

in windows the absolute path starts with

C:\Users\user\

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

os.getcwd() : get the current working directory

os.chdir() : changes current working directory to specified path

if current working directory is C:\Users\user\directory1

os.chdir(r”C:\Users\user\directory2”) changes current working directory to C:\Users\user\directory2

4. What are the . and .. folders?

Single Dot (.) means *Current Directory*

Double Dot (..) means *Parent Directory*

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

dir name : C:\bacon\eggs

base name : spam.txt

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

r : file read mode

w : file write mode

a : append at end of file

+ : update mode(read or write mode)

t : text mode

b : binary mode

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

the file is treated as if its a new file. old contents are deleted and over written.

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

read() : all contents of text file are returned as one string

readlines() : returns a list of string, each string for each line of text.

9. What data structure does a shelf value resemble?

dictionary because it has keys and values. Shelf is used to pickle objects for storing. its a quick solution than to use traditional databases.