* Getting started with os
* Manage folders
* Validate paths
* Parsing paths
* Walk through folder recursively
* Overview of glob
* Get file names from a given folder
* Get file names recursively
* Exercises and Solutions

1. Which of the following functions is used to create a new directory in Python?

A. os.listdir()

B. os.mkdir()

C. os.rmdir()

D. os.path.exists()

Answer: B. os.mkdir()

1. Which of the following functions is used to change the current working directory in Python?

A. os.getcwd()

B. os.chdir()

C. os.listdir()

D. os.path.exists()

Answer: B

1. Which of the following functions is used to split a path into its directory and filename components in Python?

A. os.path.join()

B. os.path.split()

C. os.path.dirname()

D. os.path.basename()

Answer: B

1. Which of the following functions is used to get the file extension of a path in Python?

A. os.path.splitext()

B. os.path.dirname()

C. os.path.join()

D. os.path.basename()

Answer: A

1. Which of the following functions is used to get the file names in a directory in Python?

A. os.listdir()

B. os.walk()

C. os.path.exists()

D. os.path.join()

Answer: A

1. Which of the following patterns will match all files with a .txt extension?

A. \*.txt

B. \*.txt\*

C. \*txt

D. txt\*

Answer: A

1. Which of the following functions is used to join two paths together in Python?

A. os.path.join()

B. os.path.split()

C. os.path.dirname()

D. os.path.basename()

Answer: A

1. Which of the following functions is used to check if a path is a file in Python?

A. os.path.isfile()

B. os.path.isdir()

C. os.path.exists()

D. os.path.join()

Answer: A

1. What is the purpose of the os.path.basename() function in Python?

A. To get the directory component of a path

B. To get the file name component of a path

C. To split a path into its directory and file name components

D. To check if a path exists

Answer: B

1. Which of the following functions is used to get the current working directory in Python?

A. os.getcwd()

B. os.chdir()

C. os.listdir()

D. os.path.exists()

Answer: A