* Filter for invalid sales data
* Compute Net Sale Revenue for valid sale
* Compute Total Net Revenue
* Overview of writing to files
* Write list of tuples to File
* Exercise and Solution

1. Which of the following methods is used to read a line from a file in Python?

a) read()

b) readline()

c) readlines()

d) None of the above

Answer: b

1. Which of the following is not a valid way to open a file in binary mode in Python?

a) open("file.txt", "rb")

b) open("file.txt", "wb")

c) open("file.txt", "bb")

d) open("file.txt", "ab")

Answer: c

1. What is the difference between a for loop and a while loop in Python?

a) A for loop iterates over a sequence, while a while loop repeats as long as a condition is true

b) A while loop iterates over a sequence, while a for loop repeats as long as a condition is true

c) Both for and while loops iterate over a sequence

d) There is no difference between a for loop and a while loop

Answer: a

1. What is the purpose of the strip() method in Python?

a) To remove whitespace characters from the beginning and end of a string

b) To split a string into a list

c) To join a list of strings into a single string

d) To reverse the order of characters in a string

Answer: a

1. Which of the following is not a type of exception in Python?

a) TypeError

b) ValueError

c) SyntaxError

d) NullError

Answer: d

1. What is the purpose of the chdir() method in the os module in Python?

a) To get the current working directory

b) To change the current working directory

c) To create a new directory

d) To delete a directory

Answer: b

1. What does the lambda keyword do in Python?

a) Defines a new function

b) Creates a list

c) Sorts a list

d) Filters a list

Answer: a

1. What is the syntax for using the map() function in Python?

a) map(iterable, function)

b) iterable.map(function)

c) map(function, iterable)

d) iterable.map()

Answer: c

1. What is the syntax for using the reduce() function in Python?

a) reduce(function, iterable)

b) iterable.reduce(function)

c) reduce(iterable, function)

d) iterable.reduce()

Answer: a

1. What is the purpose of the itertools module in Python?

a) To perform file I/O operations

b) To perform mathematical operations

c) To perform string manipulation

d) To provide functions for working with iterables

Answer: d