* Common File Operations
* Getting Started with File I/O
* Open File in read-only mode
* Convert Data into Collection
* Create list of tuples
* Create list of dicts

1. How can you write to a file in Python?

a) file.write("text")

b) file.append("text")

c) file.add("text")

d) file.insert("text")

Answer: a) file.write("text")

1. What is the output of the following code?

| my\_list = [1, 2, 3, 4, 5]  for i in my\_list:  print(i) |
| --- |

a) 1 2 3 4 5

b) 1 2 3 4

c) 1 2 3

d) 1 2

Answer: a) 1 2 3 4 5

1. How can you add an element to a list in Python?

a) my\_list.add(4)

b) my\_list.insert(4)

c) my\_list.append(4)

d) my\_list.update(4)

Answer: c) my\_list.append(4)

1. How can you convert a tuple into a list in Python?

a) my\_tuple.to\_list()

b) list(my\_tuple)

c) my\_tuple.convert\_to\_list()

d) None of the above

Answer: b) list(my\_tuple)

1. What is the output of the following code?

| my\_tuple = (1, 2, 3, 4, 5) print(my\_tuple[1:4]) |
| --- |

a) (1, 2, 3)

b) (2, 3, 4)

c) (2, 3, 4, 5)

d) (1, 2, 3, 4)

Answer: b) (2, 3, 4)

1. How can you create a dictionary in Python?

a) my\_dict = {1, 2, 3}

b) my\_dict = [1, 2, 3]

c) my\_dict = {"one": 1, "two": 2, "three": 3}

d) my\_dict = (1, 2, 3)

Answer: c) my\_dict = {"one": 1, "two": 2, "three": 3}

1. How can you access a value in a dictionary in Python?

a) By using the index of the value

b) By using the key of the value

c) By using the value() method

d) None of the above

Answer: b) By using the key of the value

1. How can you write a line to a file in Python?

a) file.write("text")

b) file.append("text")

c) file.add("text")

d) file.insert("text")

Answer: a) file.write("text")

1. What is the syntax for a for loop in Python?

a) for i in range(10):

b) for i = 0 to 10:

c) for i in [0, 1, 2, 3, 4, 5, 6, 7, 8, 9]:

d) None of the above

Answer: a) for i in range(10):

1. What is the purpose of the "continue" keyword in Python?

a) To skip the current iteration of a loop and move to the next one

b) To stop the execution of a loop completely

c) To break out of a loop

d) None of the above

Answer: a) To skip the current iteration of a loop and move to the next one