* Create a tuple
* Check if the element exists in the tuple
* Get list of supported functions on the tuple
* Convert tuple to list
* Convert list to tuple
* Exercise 1: Get list of integers from a tuple.
* Exercise 2: Get unique integers from a tuple. Use the above tuple.
* Solution for Exercise 1
* Solution for Exercise 2

1. How to create a tuple in Python?

a) By enclosing elements in parentheses

b) By enclosing elements in brackets

c) By enclosing elements in braces

d) By enclosing elements in quotation marks

Answer: a) By enclosing elements in parentheses

1. How to check if an element exists in a tuple?

a) Using the in operator

b) Using the not in operator

c) Using the exists() function

d) Using the contains() function

Answer: a) Using the in operator

1. How to get a list of supported functions on a tuple?

a) Using the help() function

b) Using the dir() function

c) Using the info() function

d) Using the functions() function

Answer: b) Using the dir() function

1. How to convert a tuple to a list?

a) Using the list() function

b) Using the tuple() function

c) Using the set() function

d) Using the dict() function

Answer: a) Using the list() function

1. How to convert a list to a tuple?

a) Using the list() function

b) Using the tuple() function

c) Using the set() function

d) Using the dict() function

Answer: b) Using the tuple() function

1. How to get a list of integers from a tuple?

a) Using a loop

b) Using the map() function

c) Using the filter() function

d) Using the list() function

Answer: b) Using the map() function

1. What is the output of the following code?

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

a) (1, 2)

b) (2, 3)

c) (2, 3, 4)

d) (3, 4)

Answer: b) (2, 3)

1. What is the output of the following code?

| my\_tuple = (1, 2, 3, 4, 5) print(my\_tuple.index(3)) |
| --- |

a) 0

b) 1

c) 2

d) 3

Answer: c) 2

1. What is the output of the following code?

| my\_tuple = (1, 2, 3, 4, 5) print(len(my\_tuple)) |
| --- |

a) 4

b) 5

c) 6

d) 7

Answer: b) 5

1. What is the output of the following code?

| my\_tuple = (1, 2, 3, 4, 5) my\_tuple[0] = 6 |
| --- |

a) TypeError: 'tuple' object does not support item assignment

b) [6, 2, 3, 4, 5]

c) (6, 2, 3, 4, 5)

d) (1, 2, 3, 4, 5, 6)

Answer: a) TypeError: 'tuple' object does not support item assignment