* Create a dict
* Add elements to the dict
* Updating existing element
* Get number of elements in the dict
* Check if the key exists in the dict
* Get keys, values and items from the dict
* Access elements in the dict using key
* Remove elements from the dict
* Exercise 1: Get unique list of values from a dict.
* Exercise 2: Get unique list of values which are not None. Use the above dict for the same.
* Solution for Exercise 1
* Solution for Exercise 2

1. What is a dictionary in Python?

a. A collection of ordered elements

b. A collection of unordered elements

c. A collection of only integers

d. A collection of only strings

Answer: b. A collection of unordered elements

1. How do you create a dictionary in Python?

a. With square brackets []

b. With curly braces {}

c. With parentheses ()

d. With angle brackets <>

Answer: b. With curly braces {}

1. How do you add elements to a dictionary in Python?

a. Using the append() method

b. Using the add() method

c. Using the insert() method

d. Using the square bracket notation []

Answer: d. Using the square bracket notation []

1. How do you update an existing element in a dictionary?

a. Using the append() method

b. Using the update() method

c. Using the square bracket notation []

d. Both b and c are correct.

Answer: d. Both b and c are correct.

1. How do you get the number of elements in a dictionary in Python?

a. Using the len() function

b. Using the count() method

c. Using the size() method

d. Using the elements() method

Answer: a. Using the len() function

1. How do you check if a key exists in a dictionary in Python?

a. Using the check() method

b. Using the contains() method

c. Using the exists() method

d. Using the in keyword

Answer: d. Using the in keyword

1. How do you get the keys of a dictionary in Python?

a. Using the keys() method

b. Using the get() method

c. Using the values() method

d. Using the items() method

Answer: a. Using the keys() method

1. How do you get the values of a dictionary in Python?

a. Using the keys() method

b. Using the get() method

c. Using the values() method

d. Using the items() method

Answer: c. Using the values() method

1. How do you get the items of a dictionary in Python?

a. Using the keys() method

b. Using the get() method

c. Using the values() method

d. Using the items() method

Answer: d. Using the items() method

1. How do you remove an element from a dictionary in Python?

a. Using the remove() method

b. Using the delete() method

c. Using the pop() method

d. Using the discard() method

Answer: c. Using the pop() method