*# List of values*

a = [10, 20, 30]

*# Convert to dictionary with index as key and value as value*

b = {index: value **for** index, value **in** enumerate(a)}

print(b)

**Output**

{0: 10, 1: 20, 2: 30}

= ["a", 1, "b", 2, "c", 3]

*# Create dictionary by pairing elements, using every second element as value*

result = {a[i]: a[i + 1] **for** i **in** range(0, len(a), 2)}

print(result)

**Output**

{'a': 1, 'b': 2, 'c': 3}

a = ["apple", "banana", "cherry"]

*# Create dictionary where each fruit is a key, and its length is the value*

b = {value: len(value) **for** value **in** a}

print(b)

**Output**

{'apple': 5, 'banana': 6, 'cherry': 6}