

Python Dictionaries Methods:

Certainly, here are ten dictionary methods in Python, along with examples:

1. `.clear()`: Removes all the key-value pairs from the dictionary.

```
```python
my_dict = {"a": 1, "b": 2, "c": 3}
my_dict.clear()
print(my_dict) # Output: {}
```
```

2. `.copy()`: Returns a shallow copy of the dictionary.

```
```python
my_dict = {"a": 1, "b": 2, "c": 3}
new_dict = my_dict.copy()
print(new_dict) # Output: {"a": 1, "b": 2, "c": 3}
```
```

3. `.get()`: Returns the value for the specified key. If the key is not found, it returns a default value (which defaults to None).

```
```python
my_dict = {"a": 1, "b": 2, "c": 3}
print(my_dict.get("b")) # Output: 2
print(my_dict.get("d", 0)) # Output: 0
```
```

4. `.items()`: Returns a view object that contains the key-value pairs of the dictionary as tuples.

```
```python
my_dict = {"a": 1, "b": 2, "c": 3}
items = my_dict.items()
print(items) # Output: dict_items([('a', 1), ('b', 2), ('c', 3)])
```
```

5. `.keys()`: Returns a view object that contains the keys of the dictionary.

```
```python
my_dict = {"a": 1, "b": 2, "c": 3}
keys = my_dict.keys()
print(keys) # Output: dict_keys(['a', 'b', 'c'])
```
```

6. `pop()`: Removes the key-value pair for the specified key and returns the value.

```
```python
my_dict = {"a": 1, "b": 2, "c": 3}
value = my_dict.pop("b")
print(value) # Output: 2
print(my_dict) # Output: {"a": 1, "c": 3}
```
```

7. `popitem()`: Removes and returns the last inserted key-value pair.

```
```python
my_dict = {"a": 1, "b": 2, "c": 3}
key, value = my_dict.popitem()
print(key, value) # Output: c 3
print(my_dict) # Output: {"a": 1, "b": 2}
```
```

8. `setdefault()`: Returns the value for the specified key. If the key is not found, it inserts the key with a default value (which defaults to None) and returns the default value.

```
```python
my_dict = {"a": 1, "b": 2}
value = my_dict.setdefault("c")
print(value) # Output: None
print(my_dict) # Output: {"a": 1, "b": 2, "c": None}
```
```

9. `update()`: Updates the dictionary with the key-value pairs from another dictionary or an iterable of key-value pairs.

```
```python
my_dict = {"a": 1, "b": 2}
new_dict = {"b": 3, "c": 4}
my_dict.update(new_dict)
print(my_dict) # Output: {"a": 1, "b": 3, "c": 4}
```
```

10. `values()`: Returns a view object that contains the values of the dictionary.

```
```python
my
```