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Batch code: ANP-C9180

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## Day 13: Dictionary

### 1. Concatenate the dictionaries to create a new one:

```
# Sample Dictionaries
dic1 = {1: 10, 2: 20}
dic2 = {3: 30, 4: 40}
dic3 = {5: 50, 6: 60}

# Concatenate dictionaries
# Using the `update()` method to merge dictionaries into a new one
new_dict = {}
new_dict.update(dic1) # Add dic1 to new_dict
new_dict.update(dic2) # Add dic2 to new_dict
new_dict.update(dic3) # Add dic3 to new_dict

# Display the resulting dictionary
print("Concatenated Dictionary:", new_dict)
```

## 2. Get the keys, values, and items of a dictionary:

```
# Input Dictionary
dict_num = {1: 10, 2: 20, 3: 30, 4: 40, 5: 50, 6: 60}

# Get all keys from the dictionary
print("Keys:", list(dict_num.keys())) # Convert keys to a list for
display

# Get all values from the dictionary
print("Values:", list(dict_num.values())) # Convert values to a list
for display

# Get all items (key-value pairs) from the dictionary
print("Items:", list(dict_num.items())) # Convert items to a list for
display
```

## Output:

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PREVIEW

Concatenated Dictionary: {1: 10, 2: 20, 3: 30, 4: 40, 5: 50, 6: 60}

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Keys: [1, 2, 3, 4, 5, 6]

Values: [10, 20, 30, 40, 50, 60]

Items: [(1, 10), (2, 20), (3, 30), (4, 40), (5, 50), (6, 60)]

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