**Question 1: Add a list of elements to a given set**

**Given**:

sampleSet = {"Yellow", "Orange", "Black"}

sampleList = ["Blue", "Green", "Red"]

**Expected output:**

Note: Set is unordered.

{'Green', 'Yellow', 'Black', 'Orange', 'Red', 'Blue'}

#### Question 2: Return a new set of identical items from a given two set

set1 = {10, 20, 30, 40, 50}

set2 = {30, 40, 50, 60, 70}

**Expected output:**

{40, 50, 30}

#### Question 3: Given two Python sets, update the first set with items that exist only in the first set and not in the second set.

set1 = {10, 20, 30}

set2 = {20, 40, 50}

**Expected output:**

set1 {10, 30}

#### Question 4: Returns a new set with all items from both sets by removing duplicates

set1 = {10, 20, 30, 40, 50}

set2 = {30, 40, 50, 60, 70}

**Expected output:**

{70, 40, 10, 50, 20, 60, 30}

#### Question 5: Remove items 10, 20, 30 from the following set at once

set1 = {10, 20, 30, 40, 50}

**Expected output:**

{40, 50}

#### Question 6: Return a set of all elements in either A or B, but not both

set1 = {10, 20, 30, 40, 50}

set2 = {30, 40, 50, 60, 70}

**Expected output:**

{20, 70, 10, 60}

Question 7: Check if two sets have any elements in common. If yes, display the common elements.

set1 = {10, 20, 30, 40, 50}

set2 = {60, 70, 80, 90, 10}

**Expected output:**

Two sets have items in common

{10}

Show Solution

#### Question 8: Update set1 by adding items from set2, except common items

set1 = {10, 20, 30, 40, 50}

set2 = {30, 40, 50, 60, 70}

**Expected output:**

{70, 10, 20, 60}

Show Solution

#### Question 9: Remove items from set1 that are not common to both set1 and set2

set1 = {10, 20, 30, 40, 50}

set2 = {30, 40, 50, 60, 70}

**Expected output:**

{40, 50, 30}