

1. Write a Python program to Get Only unique items from two sets.

Input:

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

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

```
set1 = {10, 20, 30, 40, 50}
set2 = {30, 40, 50, 60, 70}
unique_items = set1.symmetric_difference(set2)
print("Unique items from both sets:", unique_items)
```

2. Write a Python program to Return a set of elements present in Set A or B, but not both.

Input:

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

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

```
set1 = {10, 20, 30, 40, 50}
set2 = {30, 40, 50, 60, 70}
symmetric_difference = set1.symmetric_difference(set2)
print("Elements present in Set A or B but not both:", symmetric_difference)
```

3. Write a Python program to Check if two sets have any elements in common. If yes, display the common elements.

Input:

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

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

```
set1 = {10, 20, 30, 40, 50}
set2 = {60, 70, 80, 90, 10}
common_elements = set1.intersection(set2)
if common_elements:
    print("Common elements between the sets:", common_elements)
else:
    print("No common elements between the sets.")
```

4. Write a Python program to Remove items from set1 that are not common to both set1 and set2.

Input:

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

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

```
set1 = {10, 20, 30, 40, 50}
set2 = {30, 40, 50, 60, 70}
set1.intersection_update(set2)
print("Set1 after removing items not common to both sets:", set1)
```