Assignment 8

```python
SetA = {1, 2, 3, 4, 5}
SetB = {4, 5, 6, 7, 8}


# 1. Intersection
intersection = SetA.intersection(SetB)
print("Intersection:", intersection)
# Output: {4, 5}


# 2. Union
union = SetA.union(SetB)
print("Union:", union)
  # Output: {1, 2, 3, 4, 5, 6, 7, 8}


# 3. Difference
difference = SetA.difference(SetB)
print("Difference (SetA - SetB):", difference)
  # Output: {1, 2, 3}


# 4. Symmetric difference
symmetric_difference = SetA.symmetric_difference(SetB)
print("Symmetric Difference:", symmetric_difference)
# Output: {1, 2, 3, 6, 7, 8}
```