Q.29) Write a program to do basic set operations

```python
def operations():

    set 1 = set(map(int, input("Enter elements of first set separated by space: ").split()))
    set 2 = set(map(int, input("Enter elements of second set separated by space: ").split()))


    union = set 1 | set 2
    intersection= set 1 & set 2
    diff_set 1 = set 1 - set 2
    diff_set 2 = set 2 - set 1
    symmetric_diff_set = set1 ^ set2


    print("\nSet 1:", set 1)
    print("Set 2:", set 2)
    print("\nUnion:", union)
    print("Intersection:", intersection)
    print("Difference (Set1 - Set2):", diff_set 1)
    print("Difference (Set2 - Set1):", diff_set 2)
    print("Symmetric Difference:", symmetric_diff_set)

operations()
```