```
1 Union of sets:  {1, 2, 3, 4, 5, 6, 7, 8}
2 Intersection of sets:  {4, 5}
3 Difference between sets:  {1, 2, 3}
4 Symmetric difference between sets:  {1, 2, 3, 6, 7, 8
  }
5
6 Process finished with exit code 0
7
```