Ex.No: 5a	OPERATIONS OF SETS
Date :	

AIM:

To write a python program to evaluate the operations of sets.

ALGORITHM:

1. Start the program.
2. Creating two sets as L1 and L2.
3. Union function is performed for L1 and L2.
4. Intersection is performed for L1 and L2.
5. Differences and symmetric differences of L1 and L2 are performed.
6. Stop the program.

Program:

```
L1 = {‘Pitch’, ‘Syllabus’, ‘Script’, ‘Grammar’, ‘Sentences’};
L2 = {‘Grammar’, ‘Syllabus’, ‘Context’, ‘Words’,
‘Phonetics’}; print(“Union of L1 and L2 is “,L1|L2)
print(“Intersection of L1 and L2 is  “,L1&L2)
print(“Differences of L1 and L2 is  “,L1-L2)
print(“Symmetric differences of L1 and L2 is  “,L1^L2)
```

OUTPUT:

Union of L1 and L2 is {'Context', 'Grammar', 'Sentences', 'Syllabus', 'Pitch', 'Phonetics', 'Script', 'Words'}

Intersection of L1 and L2 is {'Syllabus', 'Grammar'}

Differences of L1 and L2 is {'Pitch', 'Sentences', 'Script'}

Symmetric differences of L1 and L2 is {'Context', 'Sentences', 'Pitch', 'Script', 'Words', 'Phonetics'}

RESULT:

Thus the python program to evaluate the operations of sets is executed.