EXPERIMENT NO : 03

PROGRAM :

a=input("Enter 1st String :\n")

b=input("Enter 2nd String :\n")

print(set(a))

c=set(a)

print(set(b))

d=set(b)

print("Interaction of 1st and 2nd ",c.intersection(d))

print("Difference of 2 Set",c.difference(d))

print("Union of 2 Sets ",c.union(d))

print("Symmetric Difference of 2 Sets ",c.symmetric\_difference(d))

OUTPUT :

RESTART: D:/COMPUTER STUDY/COMPUTER NOTES/PROGRAMMING DATA/Python/Experiment/Exp 03.py

Enter 1st String :

INDIA

Enter 2nd String :

AMERICA

{'I', 'A', 'D', 'N'}

{'A', 'M', 'C', 'R', 'I', 'E'}

Interaction of 1st and 2nd {'I', 'A'}

Difference of 2 Set {'D', 'N'}

Union of 2 Sets {'M', 'C', 'I', 'E', 'A', 'D', 'N', 'R'}

Symmetric Difference of 2 Sets {'M', 'C', 'D', 'N', 'R', 'E'}

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