

OUTPUT:-

```
C:\Users\HP\Desktop\ADS\SetUnion.exe
Input choice to perform:
1.Union 2.Intersection 3.Difference 4.Exit
Choice: 1

Enter cardinality of first set: 3
Enter cardinality of second set: 3
Enter elements of first set(0/1): 1
0
1
Enter elements of second set(0/1): 0
0
1
Elements of set1 union set2: 1 0 1
Input choice to perform:
1.Union 2.Intersection 3.Difference 4.Exit
Choice: 2

Enter cardinality of first set: 4
Enter cardinality of second set: 4
Enter elements of first set(0/1): 1
1
0
1
Enter elements of second set(0/1): 1
0
1
1
Elements of set1 intersection set2: 1 0 0 1
Input choice to perform:
1.Union 2.Intersection 3.Difference 4.Exit
Choice: 3

Enter cardinality of first set: 5
Enter cardinality of second set: 5
Enter elements of first set:(0/1) 1
1
0
1
1
Enter elements of second set:(0/1) 1
0
1
1
Elements of set1 - set2: 0 1 0 1 0
Input choice to perform:
1.Union 2.Intersection 3.Difference 4.Exit
Choice: 4

Program exit successfully!
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Process exited after 121.9 seconds with return value 0
Press any key to continue . . .
```