```
C:\Users\dell\Desktop\Abhishek\booleantable.exe

Harsh Tyagi(1873513023)
        A    B    A.B   A+B   A'

        0    0    0     0     1

        0    1    0     1     1

        1    0    0     1     0

        1    1    1     1     0


--------------------------------
Process exited after 3.221 seconds with return value 0
Press any key to continue . . .
```

```
C:\Users\dell\Desktop\Abhishek\cartesianproduct.exe

Harsh Tyagi(1873513023)
Enter no. of  elements in First Array : 3
Enter elements in First Array : 1
2
3
Enter no. of  elements in Second Array : 3
Enter elements in Second Array : 2
4
5
(1,2),(1,4),(1,5),(2,2),(2,4),(2,5),(3,2),(3,4),(3,5),
--------------------------------
Process exited after 9.301 seconds with return value 0
Press any key to continue . . .
```

```
C:\Users\dell\Desktop\Abhishek\difference.exe

Harsh Tyagi(1873513023)
Enter no. of  elements in First Array :
3
Enter elements in First Array :
1
2
3
Enter no. of  elements in Second Array :
3
Enter elements in Second Array :
2
4
5
Difference of two sets :
13
--------------------------------
Process exited after 9.244 seconds with return value 2
Press any key to continue . . .
```

C:\Users\dell\Desktop\Abhishek\intersection.exe

```
Harsh Tyagi(1873513023)
Enter no. of elements in First Array : 3
Enter elements in First Array : 1
2
3
Enter no. of  elements in Second Array : 3
Enter elements in Second Array : 2
4
5
Intersection of two sets : 2
-------------------------------
Process exited after 7.328 seconds with return value 0
Press any key to continue . . .
```

Select C:\Users\dell\Desktop\Abhishek\symmetric.exe

```
Harsh Tyagi(1873513023)
Enter no. of  elements in first Array :
3
Enter element in first Array :
1
2
3
Enter no. of  elements in Second Array :
3
Enter element in second Array :
2
4
5
Union of two sets is : 12345
Intersection of two sets : 2
Symmetric Difference of two sets :1345
-------------------------------
Process exited after 10.83 seconds with return value 0
Press any key to continue . . .
```

C:\Users\dell\Desktop\Abhishek\union.exe

```
Harsh Tyagi(1873513023)
Enter no. of elements in first Array : 3
Enter element in first Array : 1
2
3
Enter no. of elements in Second Array : 3
Enter element in second Array : 2
4
5
Union of two sets is : 12345
-------------------------------
Process exited after 7.863 seconds with return value 0
Press any key to continue . . .
```

C:\Users\dell\Desktop\Abhishek\power_set.exe

```
Harsh Tyagi(1873513023)
{}
a
b
ab
c
ac
bc
abc

--------------------------------
Process exited after 0.2423 seconds with return value 0
Press any key to continue . . .
```

C:\Users\dell\Desktop\Abhishek\power_set.exe

```
Shubham(19/IT/905)
{}
a
b
ab
c
ac
bc
abc

--------------------------------
Process exited after 2.694 seconds with return value 0
Press any key to continue . . .
```