

```
File Edit View Project Execute Tools Style Window Help
D:\rec bijnor\ds&tl\union.exe
Shubham(19/IT/905)
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 : 1
2
5
Union of two sets is : 1235
-----
Process exited after 19.75 seconds with return value 0
Press any key to continue . . .
```

lor\ds&tl\intersection.cpp - [Executing] - Dev-C++ 5.11

```
Search View Project Execute Tools Style Window Help
(globals)
D:\rec bijnor\ds&tl\intersection.exe
Shubham(19/IT/905)
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 : 1
2
5
Intersection of two sets : 12
-----
Process exited after 16.08 seconds with return value 0
Press any key to continue . . .
```

dev D:\rec bijnor\ds&tl\cartesianproduct.cpp - [Executing] - Dev-C++ 5.11

```
File Edit View Project Execute Tools Style Window Help
D:\rec bijnor\ds&tl\cartesianproduct.exe
Shubham(19/IT/905)
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 : 1
2
5
(1,1),(1,2),(1,5),(2,1),(2,2),(2,5),(3,1),(3,2),(3,5),
-----
Process exited after 19.84 seconds with return value 0
Press any key to continue . . .
```

union.cpp intersection.cpp difference.c symmetric.cpp powerset.cpp booleantable.cpp

```
1 /*Write a program in C to create two sets and perform the
2 #include<stdio.h>
```

D:\rec bijnor\ds&tl\difference.exe

Shubham(19/IT/905)

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 :

1

2

5

Difference of two sets :

3

Process exited after 25.27 seconds with return value 1

Press any key to continue . . .

bug

union.cpp

intersection.cpp

difference.c

symmetric.cpp

powerset.cpp

booleantable.cpp

D:\rec bijnor\ds&tl\booleantable.exe

Shubham(19/IT/905)

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 0.09057 seconds with return value 0
Press any key to continue . . .

D:\rec bijnor\ds&tl\symmetric.cpp - [Executing] - Dev-C++ 5.11

D:\rec bijnor\ds&tl\symmetric.exe

Shubham(19/IT/905)

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 :

1

2

5

Union of two sets is : 1235

Intersection of two sets : 12

Symmetric Difference of two sets : 35

Process exited after 206.1 seconds with return value 0

Press any key to continue . . .