

Sample run 1:

```
➤ ./main
Enter set A:
Enter an element (-1 to end): 1
Enter an element (-1 to end): 2
Enter an element (-1 to end): 3
Enter an element (-1 to end): -1
Entry complete

Enter set B:
Enter an element (-1 to end): 4
Enter an element (-1 to end): 5
Enter an element (-1 to end): 6
Enter an element (-1 to end): -1
Entry complete

Union of A and B is:
{ 1 2 3 4 5 6 }
Intersection of A and B is:
{ --}
Set A is not equal to set B

Inserting 77 into set A...
Set A is now:
{ 1 2 3 77 }

Deleting 77 from set A...
Set A is now:
{ 1 2 3 }
Invalid insert attempted!
Invalid insert attempted!

Set E is:
{ 1 2 9 25 45 67 99 100 }
```

Sample run 2:

```
➤ ./main
Enter set A:
Enter an element (-1 to end): 1
Enter an element (-1 to end): 2
Enter an element (-1 to end): 3
Enter an element (-1 to end): -1
Entry complete

Enter set B:
Enter an element (-1 to end): 1
Enter an element (-1 to end): 2
Enter an element (-1 to end): 3
Enter an element (-1 to end): -1
Entry complete

Union of A and B is:
{ 1 2 3 }
Intersection of A and B is:
{ 1 2 3 }
Set A is equal to set B

Inserting 77 into set A...
Set A is now:
{ 1 2 3 77 }

Deleting 77 from set A...
Set A is now:
{ 1 2 3 }
Invalid insert attempted!
Invalid insert attempted!

Set E is:
{ 1 2 9 25 45 67 99 100 }
```

Sample run 3:

```
Enter an element (-1 to end): 1
Enter an element (-1 to end): -3
Invalid element
Enter an element (-1 to end): 4
Enter an element (-1 to end): 5
Enter an element (-1 to end): 0
Enter an element (-1 to end): -1
Entry complete
```

```
Enter set B:
Enter an element (-1 to end): 1
Enter an element (-1 to end): 5
Enter an element (-1 to end): 3
Enter an element (-1 to end): -1
Entry complete
```

```
Union of A and B is:
{ 0 1 3 4 5 }
Intersection of A and B is:
{ 1 5 }
Set A is not equal to set B
```

```
Inserting 77 into set A...
Set A is now:
{ 0 1 4 5 77 }
```

```
Deleting 77 from set A...
Set A is now:
{ 0 1 4 5 }
Invalid insert attempted!
Invalid insert attempted!
```

```
Set E is:
{ 1 2 9 25 45 67 99 100 }
```

Sample run 4:

```
Enter set A:  
Enter an element (-1 to end): 1  
Enter an element (-1 to end): 1  
Enter an element (-1 to end): 2  
Enter an element (-1 to end): 2  
Enter an element (-1 to end): -1  
Entry complete
```

```
Enter set B:  
Enter an element (-1 to end): 3  
Enter an element (-1 to end): 3  
Enter an element (-1 to end): 4  
Enter an element (-1 to end): 4  
Enter an element (-1 to end): -1  
Entry complete
```

```
Union of A and B is:  
{ 1 2 3 4 }  
Intersection of A and B is:  
{ -- }  
Set A is not equal to set B
```

```
Inserting 77 into set A...  
Set A is now:  
{ 1 2 77 }
```

```
Deleting 77 from set A...  
Set A is now:  
{ 1 2 }  
Invalid insert attempted!  
Invalid insert attempted!
```

```
Set E is:  
{ 1 2 9 25 45 67 99 100 }
```

Sample run 5:

```
Enter an element (-1 to end): 1000
Invalid element
Enter an element (-1 to end): 1919
Invalid element
Enter an element (-1 to end): -1
Entry complete
```

```
Enter set B:
Enter an element (-1 to end): -100
Invalid element
Enter an element (-1 to end): -900
Invalid element
Enter an element (-1 to end): -1
Entry complete
```

```
Union of A and B is:
{ -- }
Intersection of A and B is:
{ -- }
Set A is equal to set B
```

```
Inserting 77 into set A...
Set A is now:
{ 77 }
```

```
Deleting 77 from set A...
Set A is now:
{ -- }
Invalid insert attempted!
Invalid insert attempted!
```

```
Set E is:
{ 1 2 9 25 45 67 99 100 }
```