Sample 1:

```
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): 4
Enter an element (-1 to end): 5
Enter an element (-1 to end): -1

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): 4
Enter an element (-1 to end): 5
Enter an element (-1 to end): -1

Union of A and B is:
1 2 3 4 5 Intersection of A and B is:
1 2 3 4 5 Set A is equal to set B

Inserting 77 into set A...
Set A is now:
1 2 3 4 5 77
Deleting 77 from set A...
Set A is now:
1 2 3 4 5
Set E is:
1 2 9 25 45 67 99 100
vedantsinha@Vedants-MacBook-Pro-2 PA7 %
```

Sample 2

```
Enter set A:
Enter an element (-1 to end): 5
Enter an element (-1 to end): 4
Enter an element (-1 to end): 3
Enter an element (-1 to end): 2
Enter an element (-1 to end): 1
Enter an element (-1 to end): -1

Enter set B:
Enter an element (-1 to end): 5
Enter an element (-1 to end): 4
Enter an element (-1 to end): 3
Enter an element (-1 to end): 2
Enter an element (-1 to end): 1
Enter an element (-1 to end): -1

Union of A and B is:
1 2 3 4 5 Intersection of A and B is:
1 2 3 4 5 Set A is equal to set B

Inserting 77 into set A...
Set A is now:
1 2 3 4 5 77
Deleting 77 from set A...
Set A is now:
1 2 3 4 5
Set E is:
1 2 9 25 45 67 99 100
vedantsinha@Vedants-MacBook-Pro-2 PA7 %
```

Sample 3:

```
Enter an element (-1 to end): 3
Enter an element (-1 to end): 2
Enter an element (-1 to end): 5
Enter an element (-1 to end): 6
Enter an element (-1 to end): -2
Invalid element entered: -2. Please enter a number between 0 and 100.
Enter an element (-1 to end): -1

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): 43
Enter an element (-1 to end): 2
Enter an element (-1 to end): -1

Union of A and B is:
1 2 3 4 5 6 43 Intersection of A and B is:
2 5 6 Set A is not equal to set B

Inserting 77 into set A...
Set A is now:
1 2 3 5 6 77
Deleting 77 from set A...
Set A is now:
1 2 3 5 6
Set E is:
1 2 9 25 45 67 99 100
vedantsinha@Vedants-MacBook-Pro-2 PA7 %
```

Sample 4:

```
Enter an element (-1 to end): 7
Enter an element (-1 to end): 5
Enter an element (-1 to end): 3
Enter an element (-1 to end): 23
Enter an element (-1 to end): -1

Enter set B:
Enter an element (-1 to end): 54
Enter an element (-1 to end): 6
Enter an element (-1 to end): 7
Enter an element (-1 to end): 65
Enter an element (-1 to end): 34
Enter an element (-1 to end): -2
Invalid element entered: -2. Please enter a number between 0 and 100.
Enter an element (-1 to end): -1

Union of A and B is:
3 4 5 6 7 23 34 54 65 Intersection of A and B is:
7 Set A is not equal to set B

Inserting 77 into set A...
Set A is now:
3 4 5 7 23 77
Deleting 77 from set A...
Set A is now:
3 4 5 7 23
Set E is:
1 2 9 25 45 67 99 100
vedantsinha@Vedants-MacBook-Pro-2 PA7 %
```

Sample 5:

```
Enter set A:
Enter an element (-1 to end): 93
Enter an element (-1 to end): 23
Enter an element (-1 to end): 43
Enter an element (-1 to end): 54
Enter an element (-1 to end): 32
Enter an element (-1 to end): -1

Enter set B:
Enter an element (-1 to end): 12
Enter an element (-1 to end): 32
Enter an element (-1 to end): 54
Enter an element (-1 to end): 34
Enter an element (-1 to end): 54
Enter an element (-1 to end): -1

Union of A and B is:
12 23 32 34 43 54 93 Intersection of A and B is:
32 54 Set A is not equal to set B

Inserting 77 into set A...
Set A is now:
23 32 43 54 77 93
Deleting 77 from set A...
Set A is now:
23 32 43 54 93
Set E is:
1 2 9 25 45 67 99 100
vedantsinha@Vedants-MacBook-Pro-2 PA7 %
```