

1 . Add Element to set

```
Run: Set ×
C:\Users\khush\.jdk\openjdk-19.0.1\bin\java.exe "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA
1. Add an Element
2. Remove an Element
3. Contains Element?
4. Size
5. Check Equals
6. Display Set
-1. Exit
Select the operation you want to execute: 1
Enter element to add in Set: 10
Element added to Set.
1. Add an Element
2. Remove an Element
3. Contains Element?
4. Size
5. Check Equals
6. Display Set
-1. Exit
Select the operation you want to execute: 1
Enter element to add in Set: 10
Element already present , cannot perform add operation.
```

2. Remove element from the set

```
Run: Set x
3. Check Equals
6. Display Set
-1. Exit
Select the operation you want to execute: 1
Enter element to add in Set: 40
Element added to Set.
1. Add an Element
2. Remove an Element
3. Contains Element?
4. Size
5. Check Equals
6. Display Set
-1. Exit
Select the operation you want to execute: 2
Enter element to remove from Set: 60
Element not found in Set.
1. Add an Element
2. Remove an Element
3. Contains Element?
4. Size
5. Check Equals
6. Display Set
-1. Exit
Select the operation you want to execute: 2
Enter element to remove from Set: 40
Element removed from Set.
```

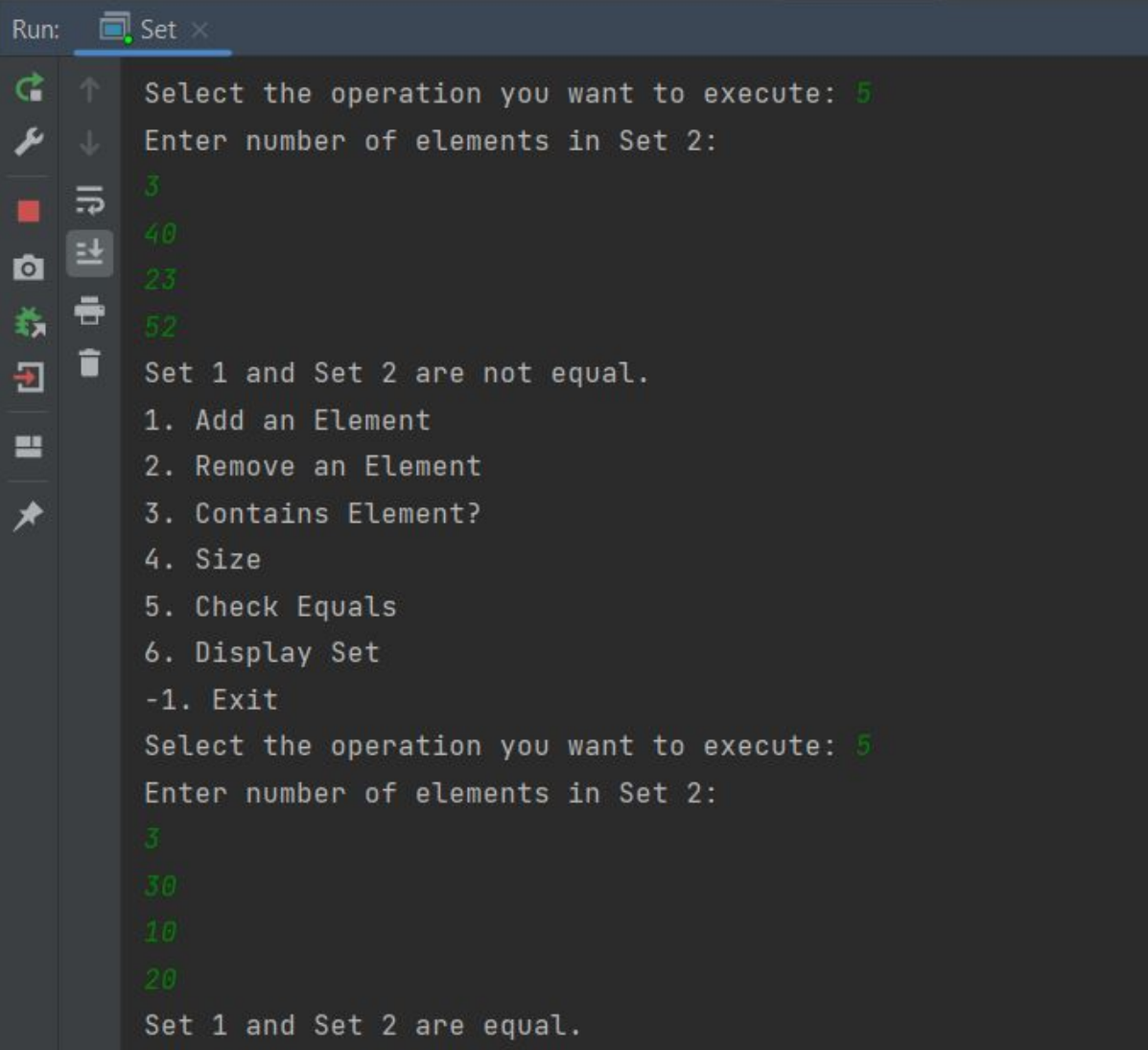
3. Checks that the element is present in set or not.

```
Select the operation you want to execute: 3
Enter element to check its presence in Set: 45
Element is not present in Set.
1. Add an Element
2. Remove an Element
3. Contains Element?
4. Size
5. Check Equals
6. Display Set
-1. Exit
Select the operation you want to execute: 3
Enter element to check its presence in Set: 20
Element is present in Set.
1. Add an Element
2. Remove an Element
3. Contains Element?
4. Size
5. Check Equals
6. Display Set
-1. Exit
Select the operation you want to execute: |
```

4. Display size of set

```
Select the operation you want to execute: 4  
Size of Set: 3
```

5. Compared 2 Sets



```
Run: Set x  
Select the operation you want to execute: 5  
Enter number of elements in Set 2:  
3  
40  
23  
52  
Set 1 and Set 2 are not equal.  
1. Add an Element  
2. Remove an Element  
3. Contains Element?  
4. Size  
5. Check Equals  
6. Display Set  
-1. Exit  
Select the operation you want to execute: 5  
Enter number of elements in Set 2:  
3  
30  
10  
20  
Set 1 and Set 2 are equal.
```

6. Display all elements in a set

```
1. Add an Element
2. Remove an Element
3. Contains Element?
4. Size
5. Check Equals
6. Display Set
-1. Exit
Select the operation you want to execute: 6
Elements of Set:
10
20
30
```

7. Exit the system.

```
1. Add an Element
2. Remove an Element
3. Contains Element?
4. Size
5. Check Equals
6. Display Set
-1. Exit
Select the operation you want to execute: -1
Exiting the System!!!!

Process finished with exit code 0
```