

Assignment 8:

Write a java program add the elements using iterator display the all elements .elements should not be repeated and elements should store in the random order. Use a suitable collection interface and class.

Source Code: (Black colour in background is due to dark mode of IDE)

```
import java.util.Scanner;
import java.util.*;

class Hashset {
    public static void main(String args[]) {
        Scanner sc = new Scanner(System.in);
        // Stores in a random order.
        HashSet<String> set = new HashSet<String>();
        System.out.println("Enter 5 names to be added: ");
        for (int i = 0; i < 5; i++) {
            set.add(sc.nextLine());
        }
        sc.close();

        Iterator<String> it = set.iterator();
        System.out.println("The elements of Set : ");
        while (it.hasNext()) {
            System.out.println(it.next());
        }
    }
}
```

Output:

```
Enter 5 names to be added:
Akshit
Amisha
Akisha
Monty
Kamal
The elements of Set :
Monty
Amisha
Kamal
Akisha
Akshit
```