HashSet in Java

```java
import java.util.HashSet;
import java.util.Iterator;

public class Hashing {
    public static void main(String args[]) {
        HashSet<Integer> set = new HashSet<>();

        //Add
        set.add(1);
        set.add(2);
        set.add(3);
        set.add(1);

        //Size
        System.out.println("size of set is : " + set.size());

        //Search
        if(set.contains(1)) {
            System.out.println("present");
        }

        if(!set.contains(6)) {
            System.out.println("absent");
        }

        //Delete
        set.remove(1);
        if(!set.contains(1)) {
            System.out.println("absent");
        }

        //Print all elements
        System.out.println(set);

        //Iteration - HashSet does not have an order
        set.add(0);
        Iterator it = set.iterator();
         while (it.hasNext()) {
            System.out.print(it.next() + ", ");
        }
```

```java
        System.out.println();


        //isEmpty
        if(!set.isEmpty()) {
            System.out.println("set is not empty");
        }
    }
}
```