```java
import java.util.*;

public class Ex1 {
    static Scanner reader = new Scanner(System.in);

    // Read Int
    public static int NextInt(String message)
    {
        System.out.print(message);
        return reader.nextInt();
    }

    // FUNCTIONS //
    public static void moveArrayRightFromIndex(int index, int[] array)
    {
        for (int i = array.length - 1; i > index; i--)
        {
            array[i] = array[i - 1];
        }
    }

    public static void nextIntArraySorted(int[] array)
    {
        for (int i = 0; i < array.length; i++)
        {
            boolean isIn = false;
            int temp = NextInt("Enter a number: ");

            for (int j = 0; j < i + 1; j++)
            {
                if (array[j] > temp && !isIn)
                {
                    moveArrayRightFromIndex(j, array);

                    array[j] = temp;
                    isIn = true;
                }
                else if (j == i && !isIn)
                {
                    array[j] = temp;
                    isIn = true;
                }
            }
        }
    }

    // MAIN //
    public static void main(String[] args)
    {
        int[] theArray = new int[10];
        nextIntArraySorted(theArray);
        System.out.println(Arrays.toString(theArray));
    }
}
```

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```java
import java.util.*;

public class Ex2
{
    static Scanner reader = new Scanner(System.in);

    // Read Int
    public static int NextInt(String message) {
        System.out.print(message);
        return reader.nextInt();
    }

    // Read Double
    public static double NextDouble(String message) {
        System.out.print(message);
        return reader.nextDouble();
    }

    // Read Char
    public static char NextChar(String message) {
        System.out.print(message);
        return reader.next().charAt(0);
    }

    // Math.Random
    public static int Random(int a, int b) {
        if (a > b)
            return (int) (Math.random() * (a - b + 1)) + b;

        return (int) (Math.random() * (b - a + 1)) + a;
    }

    // FUNCTIONS //
    public static boolean isIn(int[] array, int num, int max)
    {
        for (int i = 0; i < max+1; i++)
        {
            if (array[i] == num)
                return true;
        }

        return false;
    }

    public static void addToArray(int[] array, int i)
    {
        int rand = Random(1, 42);
        if (!isIn(array, rand, i))
        {
            array[i] = rand;
        }
    }

    // MAIN //
    public static void main(String[] args)
    {
        int[] array1 = new int[10];
        for (int i = 0; i < array1.length; i++) {
            addToArray(array1, i);
        }

        int[] array2 = new int[10];
        for (int i = 0; i < array2.length; i++) {
            addToArray(array2, i);
        }

        int counter = 0;
        for (int item : array1)
        {
            for (int theItem : array2)
            {
                if (item == theItem)
                    counter++;
            }
        }

        System.out.println("The number of equals across the two arrays is " + counter);
    }
}
```

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