

# Sorting a Simple int Array

```
import java.util.Arrays;
public class Numbers
{
    private int[] nums;

    public Numbers( int[] n )
    { nums = n; }

    public String toString()
    {
        String output = "The array is:" + "\t";
        for( int val : nums )
        { output += val + " "; }
        return output + "\n";
    }

    public void setArray( int[] n )
    { nums = n; }

    public static void main( String args[] )
    {
        int[] values = new int[10];

        for( int k = 0; k < values.length; k++ )
        { values[k] = (int)(Math.random()*50 + 1); }

        Numbers hello = new Numbers(values);
        System.out.print(hello);
        Arrays.sort(values);
        hello.setArray(values);
        System.out.print(hello);
    }
}
```

## OUTPUT

```
The array is:    32 11 19 36 21 44 36 24 23 22
The array is:    11 19 21 22 23 24 32 36 36 44
```