```
package alproii012120;

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public class Distinct {

    static int distinct(int []arr, int n){
        bubblesort(arr);
        if (n==0||n==1)
        {
            return n;
        }
        int []temp = new int[n];
        int j = 0;
        for(int i = 0; i < n-1; i++)
        {
            if(arr[i] != arr[i+1])
            {
                temp[j++] = arr[i];
            }
        }
        temp[j++] = arr[n-1];

        for(int i = 0; i<j; i++)
        {
            arr[i] = temp[i];
        }
        return j;
    }

    static void bubblesort(int unsortedarray[]){
        int n = unsortedarray.length;
        int temp;
        for (int i = 0; i < n; i++)
        {
            for (int j = 0; j < n-i-1; j++)
            {
                if (unsortedarray[j] > unsortedarray[j+1])
                {
                    temp = unsortedarray[j+1];
                    unsortedarray[j+1] = unsortedarray[j];
                    unsortedarray[j] = temp;
                }
            }
        }
    }
```

```
	public static void main(String[] args){
		int []A = {3,4,6,5,4,5,1,2,8,7,7,9,7,9,9,10};

		int length = A.length;
		length = distinct(A, length);
		for( int i = 0; i < length; i++)
		{
			System.out.print(A[i] + " ");
		}
	}
}
```