1. Remove the duplicate elements from an array

using System;

class Program

{

static void Main()

{

int[] arr = { 3, 1, 2, 2, 4, 5, 3, 6 };

Array.Sort(arr);

int[] arr1 = new int[arr.Length];

int j = 0;

for (int i = 0; i < arr.Length-1; i++)

{

if (arr[i] != arr[i + 1])

{

arr1[j] = arr[i];

j++;

}

}

arr1[j] = arr[arr.Length - 1];

j++;

Console.WriteLine("Sorted array without duplicates:");

for (int i = 0; i < j; i++)

{

Console.Write(arr1[i] + " ");

}

}

}