using System;

namespace ArrayQuestion

{

public class ArrayOperations

{

public int Min(int[] arr)

{

int min = arr[0];

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

{

if (arr[i] < min)

{

min = arr[i];

}

}

return min;

}

public int Max(int[] arr)

{

int max = arr[0];

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

{

if (arr[i] > max)

{

max = arr[i];

}

}

return max;

}

public double Avg(int[] arr)

{

double sum = 0;

foreach(int num in arr)

{

sum += num;

}

return (double)sum/arr.Length;

}

public void Reverese(int[] arr)

{

Array.Reverse(arr);

}

}

class Program

{

static void Main(string[] args)

{

int[] array = new int[10];

Console.WriteLine("Enter 10 integers: ");

for(int i = 0; i<10; i++)

{

Console.Write($"value:");

array[i] = Convert.ToInt32(Console.ReadLine());

}

ArrayOperations arrayQuestion = new ArrayOperations();

int minValue = arrayQuestion.Min(array);

int maxValue = arrayQuestion.Max(array);

double avgValue = arrayQuestion.Avg(array);

Console.WriteLine($"Minimum value: {minValue}");

Console.WriteLine($"Maximum value: {maxValue}");

Console.WriteLine($"Average value: {avgValue}");

arrayQuestion.Reverese(array);

Console.WriteLine("Reversed array:");

foreach (int num in array)

{

Console.Write($"{num} ");

}

}

}

}