**C# Passing Array to Function**

In C#, to reuse the array logic, we can create function. To pass array to function in C#, we need to provide only array name.

1. functionname(arrayname);//passing array

**C# Passing Array to Function Example: print array elements**

Let's see an example of C# function which prints the array elements.

1. using System;
2. public class ArrayExample
3. {
4. static void printArray(int[] arr)
5. {
6. Console.WriteLine("Printing array elements:");
7. for (int i = 0; i < arr.Length; i++)
8. {
9. Console.WriteLine(arr[i]);
10. }
11. }
12. public static void Main(string[] args)
13. {
14. int[] arr1 = { 25, 10, 20, 15, 40, 50 };
15. int[] arr2 = { 12, 23, 44, 11, 54 };
16. printArray(arr1);//passing array to function
17. printArray(arr2);
18. }
19. }

Output:

Printing array elements:

25

10

20

15

40

50

Printing array elements:

12

23

44

11

54

**C# Passing Array to Function Example: Print minimum number**

Let's see an example of C# array which prints minimum number in an array using function.

1. using System;
2. public class ArrayExample
3. {
4. static void printMin(int[] arr)
5. {
6. int min = arr[0];
7. for (int i = 1; i < arr.Length; i++)
8. {
9. if (min > arr[i])
10. {
11. min = arr[i];
12. }
13. }
14. Console.WriteLine("Minimum element is: " + min);
15. }
16. public static void Main(string[] args)
17. {
18. int[] arr1 = { 25, 10, 20, 15, 40, 50 };
19. int[] arr2 = { 12, 23, 44, 11, 54 };
21. printMin(arr1);//passing array to function
22. printMin(arr2);
23. }
24. }

Output:

Minimum element is: 10

Minimum element is: 11

**C# Passing Array to Function Example: Print maximum number**

Let's see an example of C# array which prints maximum number in an array using function.

1. using System;
2. public class ArrayExample
3. {
4. static void printMax(int[] arr)
5. {
6. int max = arr[0];
7. for (int i = 1; i < arr.Length; i++)
8. {
9. if (max < arr[i])
10. {
11. max = arr[i];
12. }
13. }
14. Console.WriteLine("Maximum element is: " + max);
15. }
16. public static void Main(string[] args)
17. {
18. int[] arr1 = { 25, 10, 20, 15, 40, 50 };
19. int[] arr2 = { 12, 23, 64, 11, 54 };
21. printMax(arr1);//passing array to function
22. printMax(arr2);
23. }
24. }

Output:

Maximum element is: 50

Maximum element is: 64