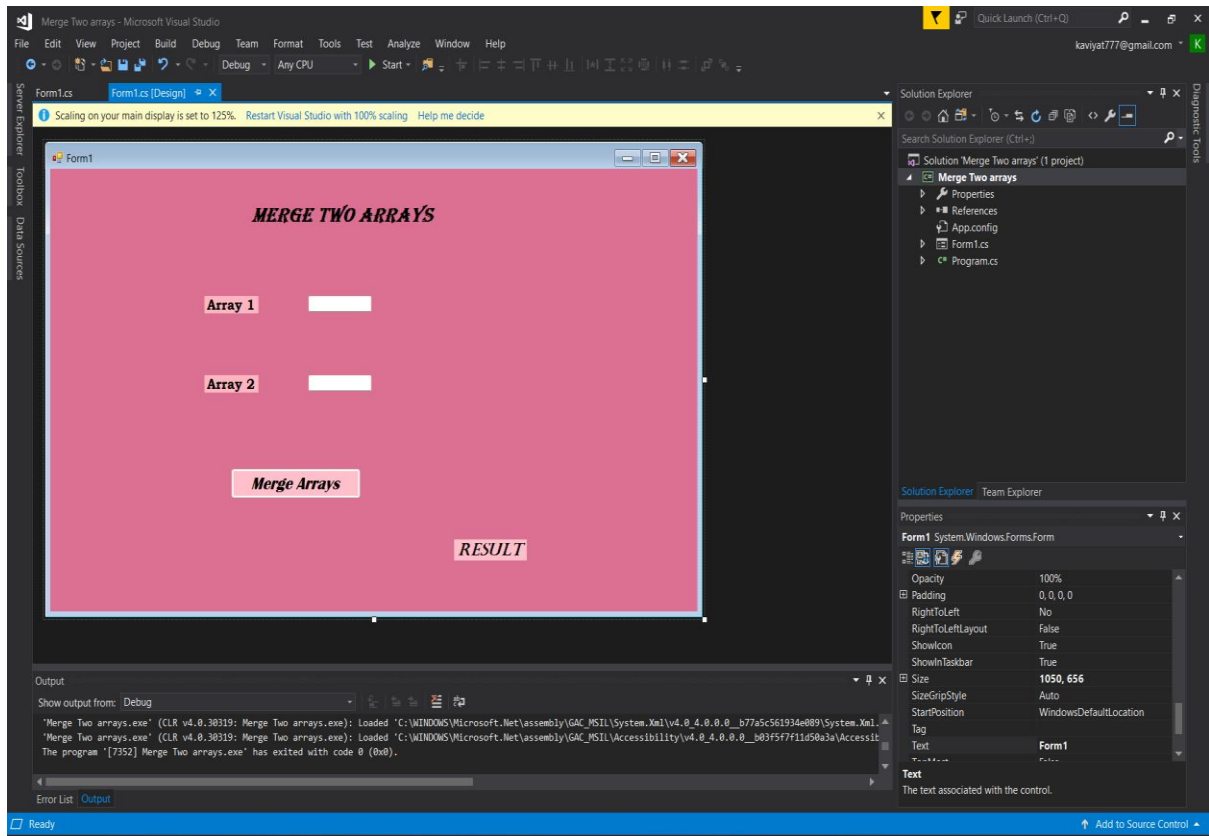


# MERGE TWO ARRAYS

## DESIGN :



## SOURCE CODE :

```
private void btnMerge_Click(object sender, EventArgs e)
{
    string input1 = txtArray1.Text;
    string input2 = txtArray2.Text;
    // Split the input into arrays
```

```

string[] inputArray1 = input1.Split(',');
string[] inputArray2 = input2.Split(',');

// Convert string arrays to integer arrays
int[] array1, array2;
try
{
    array1 = Array.ConvertAll(inputArray1, int.Parse);
    array2 = Array.ConvertAll(inputArray2, int.Parse);
}
catch
{
    MessageBox.Show("Please enter valid arrays of integers separated by commas.");
    return;
}

// Merge the arrays
int[] mergedArray = new int[array1.Length + array2.Length];
Array.Copy(array1, mergedArray, array1.Length);
Array.Copy(array2, 0, mergedArray, array1.Length, array2.Length);

// Display the merged array in the Label
lblResult.Text = "Merged Array: " + string.Join(", ", mergedArray)
}

```

## OUTPUT :

**MERGE TWO ARRAYS**

Array 1 10

Array 2 20

**Merge Arrays**

**MERGED ARRAY: 10, 20**