

Solution 1Solution 2Solution 3

```
1 class Program {
2     public static int[] mergeSort(int[] array) {
3         // Write your code here.
4         return null;
5     }
6 }
7
```

Submit Code

```
19 #Plot
20 plt.plot(x_test, y_test, 'o')
21 plt.xlabel('x')
22 plt.ylabel('y')
23 plt.title('Scatter plot of x and y')
24 plt.show()
25
26 #Plot
27 plt.plot(x_test, y_test, 'o')
28 plt.xlabel('x')
29 plt.ylabel('y')
30 plt.title('Scatter plot of x and y')
31 plt.show()
```

Run or submit code when you're ready.