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Curso:Programación I
Profesor: Rolando

```
57   int m = (i + d) / 2;
58   merge(a, i, d: m); merge(a, m + 1, d);
59   int[] t = new int[d - i + 1];
60   int x = i, y = m + 1, z = 0;
61   while (x <= m && y <= d) t[z++] = a[x] < a[y] ? a[x++] : a[y++];
62   while (x <= m) t[z++] = a[x++];
63   while (y <= d) t[z++] = a[y++];
64   for (z = 0; z < t.length; z++) a[i + z] = t[z];
```

```
Output - IF2000_introduccionprogra (run)                                          ×  ⊞
run:
Burbuja: 21977 ms
Quick: 41 ms
Merge: 43 ms
Shell: 29 ms
BUILD SUCCESSFUL (total time: 22 seconds)
```

Output                                                          77:5        INS