

```

1      // Java                                     Name -
2      // Sorting Algorithm Fill In Code Worksheet #2
3
4
5      public static void mystery1(int[] arr)
6      {
7          for (int i = 0; i < arr.length - 1; i++) // What sort is this? _____
8          {
9              int minIndex = i;
10             int min = _____ ;
11
12
13             for ( int j = i + 1; j < arr.length; j++)
14             {
15
16                 if ( _____ )
17                 {
18                     minIndex = j;
19                     min = arr[minIndex];
20                 }
21             }
22
23
24             int temp = arr[minIndex];
25             arr[minIndex] = _____ ;
26             arr[i] = temp;
27         }
28     }
29
30
31     public static void mystery2(int[] arr) // What sort is this? _____
32     {
33         int j = 0;
34
35         for (int i = 1; i < arr.length; i++)
36         {
37             int value = arr[i];
38             j = _____ ;
39
40             while (j > 0 && arr[j - 1] >= value)
41             {
42                 arr[j] = arr[j - 1];
43
44                 _____ ;
45             }
46
47             _____ ;
48         }
49     }
50 }
51
52

```