

```

2 public class Runner {
3
4     public static void main(String[] args) {
5         Quiz quiz1 = new Quiz("Math", 2);
6         Quiz quiz2 = new Quiz("Math", 3);
7         Quiz quiz3 = new Quiz("Math", 2);
8
9         Quiz quiz4 = new Quiz("Science", 1);
10        Quiz quiz5 = new Quiz("Science", 2);
11        Quiz quiz6 = new Quiz("Science", 3);
12
13        Quiz quiz7 = new Quiz("History", 1);
14        Quiz quiz8 = new Quiz("History", 2);
15        Quiz quiz9 = new Quiz("History", 3);
16
17        Quiz quiz10 = new Quiz("English", 1);
18        Quiz quiz11 = new Quiz("English", 2);
19        Quiz quiz12 = new Quiz("English", 3);
20
21        MergeSort ms = new MergeSort();
22        HeapSort hs = new HeapSort();
23        QuickSort qs = new QuickSort();
24        ShellSort ss = new ShellSort();
25
26        Comparable[] quizzes = {
27            quiz1, quiz2, quiz3, quiz4, quiz5, quiz6,
28            quiz7, quiz8, quiz9, quiz10, quiz11, quiz12,
29            ms, hs, qs, ss
30        };
31
32        // Sort the quizzes using different algorithms
33        ms.sort(quizzes);
34        hs.sort(quizzes);
35        qs.sort(quizzes);
36        ss.sort(quizzes);
37
38        // Print the sorted quizzes
39        for (Quiz quiz : quizzes) {
40            System.out.println("Quiz: " + quiz.subject + ", Questions: " + quiz.questions);
41        }
42    }
43 }

```