Worksheet: Forall Loops and Barriers

Draw a "barrier matching" figure similar to slide 12 for the code fragment below.

1. String[] a = { "ab", "cde", "f" };

2. . . . int m = a.length; . . .

3. forallPhased (0, m-1, (i) -> {

4.   for (int j = 0; j < a[i].length(); j++) {

5.   // forallPhased iteration i is executing phase j

6.   System.out.println("(" + i + "," + j + ")");

7.   next();

8.   }

9. });