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. });