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. });