

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. `});`

Solution

