For 12657, your code has two parts.
The first part is to fill the map which cells can be reached from the entrance point and which cells can be reached by the exit point. The first part can be done by using DFS.

The second part is to find the shortest corridor that connects the entrance and the exit point. You need to consider the following three cases. I use S for the region that entrance can reach and use E for the region of exit. Also, for the convenience, I use row to explain. The cases of columns are similar to rows.

Case 1: in the same row, there are Ss and Es. The shortest length of the corridor in the following example is 1.

0	S	S	0	1	0	E	0	S	0

Case 2: one of S or E on the upper row (or lower row) and the other E or S in the current row. The shortest length of the corridor in the following example is 3.

Upper	S	S	0	1	0	0	0	0	1
Current	0	0	1	0	E	E	0	0	0
Lower	0	0	0	0	E	E	0	0	0

Case 3: one of S is on the upper row (or lower row) and the other E or S is on the lower row. The shortest length of the corridor in the following example is 3.

Upper	S	S	0	1	0	0	0	0	1
Current	0	0	1	0	0	0	0	0	0
Lower	0	0	0	E	E	E	0	0	0

If you can consider those cases clearly, you can easily write a code to solve the problem.