



The image shows a 10x10 grid. A black path starts at (1,1), goes right to (4,1), then up to (4,4), then right to (7,4), then down to (7,7), then right to (10,7), then up to (10,10), then left to (4,10), then down to (4,7), then left to (1,7), then down to (1,4), then right to (1,1). A red path starts at (1,1), goes right to (4,1), then up to (4,4), then right to (7,4), then down to (7,7), then right to (10,7), then up to (10,10), then left to (4,10), then down to (4,7), then left to (1,7), then down to (1,4), then right to (1,1). The black path is a simple loop, while the red path is a more complex loop that visits more cells.