



A 10x10 grid with a black path and a red path. The black path starts at (0,0) and ends at (9,9). The red path starts at (0,0) and ends at (9,9). The paths are defined by the following coordinates:

| Step | Black Path (x, y) | Red Path (x, y) |
|------|-------------------|-----------------|
| 1    | (0,0)             | (0,0)           |
| 2    | (1,0)             | (0,1)           |
| 3    | (1,1)             | (0,2)           |
| 4    | (2,1)             | (1,2)           |
| 5    | (2,2)             | (2,2)           |
| 6    | (3,2)             | (3,2)           |
| 7    | (3,3)             | (4,2)           |
| 8    | (4,3)             | (4,3)           |
| 9    | (4,4)             | (5,3)           |
| 10   | (5,4)             | (5,4)           |
| 11   | (5,5)             | (6,4)           |
| 12   | (6,5)             | (6,5)           |
| 13   | (6,6)             | (7,5)           |
| 14   | (7,6)             | (7,6)           |
| 15   | (7,7)             | (8,6)           |
| 16   | (8,7)             | (8,7)           |
| 17   | (8,8)             | (9,7)           |
| 18   | (9,8)             | (9,8)           |
| 19   | (9,9)             | (9,9)           |