

```
+---+---+---+
| 6 | 4 | 7 |
+---+---+---+
| 8 | 5 | # |
+---+---+---+
| 3 | 2 | 1 |
+---+---+---+
执行了 0.047 秒
```

```
+---+---+---+
| 8 | 6 | 7 |
+---+---+---+
| 2 | 5 | 4 |
+---+---+---+
| 3 | # | 1 |
+---+---+---+
执行了 0.047 秒
```

```
+---+---+---+---+
| 8 |13 | # | 6 |
+---+---+---+---+
| 1 |15 | 9 |14 |
+---+---+---+---+
| 3 | 4 | 5 |11 |
+---+---+---+---+
| 7 | 2 |10 |12 |
+---+---+---+---+
执行了 0.304 秒
```

```
+---+---+---+---+
| 2 | 9 | 5 |11 |
+---+---+---+---+
| 8 | 3 | 4 |14 |
+---+---+---+---+
| 7 |10 | 1 |12 |
+---+---+---+---+
| # |15 | 6 |13 |
+---+---+---+---+
执行了 3.652 秒
```

```
+---+---+---+---+
| 4 | 7 | # | 9 |
+---+---+---+---+
|12 |10 |11 | 8 |
+---+---+---+---+
|14 | 6 |15 | 1 |
+---+---+---+---+
| 2 | 5 | 3 |13 |
+---+---+---+---+
执行了 12.367 秒
```

```
+---+---+---+---+
|12 |10 | 3 | 2 |
+---+---+---+---+
| # | 7 |14 | 9 |
+---+---+---+---+
| 1 |15 | 5 | 6 |
+---+---+---+---+
| 8 | 4 |13 |11 |
```

+---+---+---+---+

执行了 75.458 秒

+---+---+---+---+

| 12 | 1 | 5 | 6 |

+---+---+---+---+

| 2 | 11 | 7 | 9 |

+---+---+---+---+

| 14 | 10 | # | 4 |

+---+---+---+---+

| 15 | 3 | 13 | 8 |

+---+---+---+---+

执行了 3.671 秒

+---+---+---+---+

| 4 | 6 | 15 | 13 |

+---+---+---+---+

| 12 | 9 | 10 | 2 |

+---+---+---+---+

| 8 | # | 7 | 3 |

+---+---+---+---+

| 14 | 5 | 1 | 11 |

+---+---+---+---+

执行了 299.286 秒