

Choose difficulty (easy/medium/hard): medium
Use alpha-beta pruning? (y/n): y
You are O, Computer is X

Positions:

```
1 | 2 | 3
---+---+---
4 | 5 | 6
---+---+---
7 | 8 | 9
```

Enter your move (1-9): 1

```
0 |  | 
---+---+---
 |  | 
---+---+---
 |  |
```

```
0 |  | 
---+---+---
 |  | 
---+---+---
X |  |
```

Enter your move (1-9): 5

```
0 |  | 
---+---+---
 | 0 | 
---+---+---
X |  |
```

```
0 |  | 
---+---+---
 | 0 | 
---+---+---
X |  | X
```

Enter your move (1-9): 8

```
0 |  | 
---+---+---
 | 0 | 
---+---+---
X | 0 | X
```

```
0 | X | 
---+---+---
 | 0 | 
---+---+---
X | 0 | X
```

Enter your move (1-9): 6

```
0 | X | 
---+---+---
 | 0 | 0
---+---+---
X | 0 | X
```

```
0 | X | 
---+---+---
X | 0 | 0
---+---+---
X | 0 | X
```

Enter your move (1-9): 3

```
0 | X | 0
---+---+---
X | 0 | 0
---+---+---
X | 0 | X
```

Draw

BFS solution path:

[(0, 0), (0, 5), (3, 2), (0, 2), (2, 0), (2, 5), (3, 4)]

DFS solution path:

[(0, 0), (0, 5), (3, 2), (0, 2), (2, 0), (2, 5), (3, 4)]