

Actividad 1.3 Implementación de la técnica de programación "backtracking" y "ramificación y poda"

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Casos de prueba:

```
→ Maze git:(master) ✖ ./a.out
```

```
M: 3
```

```
N: 3
```

```
1 1 1
```

```
0 1 1
```

```
1 1 1
```

```
Grid original:
```

```
1 1 1
```

```
0 1 1
```

```
1 1 1
```

```
Soluciones:
```

```
Ramificación y poda:
```

```
2 2 1
```

```
0 2 1
```

```
1 2 2
```

```
Solucion(es) backtracking:
```

```
2 2 1
```

```
0 2 1
```

```
1 2 2
```

```
2 2 1
```

```
0 2 2
```

```
1 1 2
```

```
2 2 2
```

```
0 1 2
```

```
1 1 2
```

```
→ Maze git:(master) x ./a.out
```

```
M: 4
```

```
N: 3
```

```
1 1 1
```

```
0 1 0
```

```
1 1 1
```

```
1 1 1
```

```
Grid original:
```

```
1 1 1
```

```
0 1 0
```

```
1 1 1
```

```
1 1 1
```

```
Soluciones:
```

```
Ramificación y poda:
```

```
2 2 1
```

```
0 2 0
```

```
1 2 1
```

```
1 2 2
```

```
Solucion(es) backtracking:
```

```
2 2 1
```

```
0 2 0
```

```
1 2 1
```

```
1 2 2
```

```
2 2 1
```

```
0 2 0
```

```
1 2 2
```

```
1 1 2
```

```
→ Maze git:(master) x ./a.out
```

```
M: 5
```

```
N: 3
```

```
1 1 0
```

```
0 1 0
```

```
1 1 1
```

```
1 0 1
```

```
1 1 1
```

```
Grid original:
```

```
1 1 0
```

```
0 1 0
```

```
1 1 1
```

```
1 0 1
```

```
1 1 1
```

```
Soluciones:
```

```
Ramificación y poda:
```

```
2 2 0
```

```
0 2 0
```

```
1 2 2
```

```
1 0 2
```

```
1 1 2
```

```
Solucion(es) backtracking:
```

```
2 2 0
```

```
0 2 0
```

```
1 2 2
```

```
1 0 2
```

```
1 1 2
```

```
→ Maze git:(master) x ./a.out
```

```
M: 4
```

```
N: 4
```

```
1 1 0 z
```

```
Input invalido :(
```

```
→ Maze git:(master) x ./a.out
```

```
M: 5
```

```
N: 5
```

```
1 1 1 1 1
```

```
0 1 1 1 1
```

```
1 1 0 0 0
```

```
1 1 1 0 1
```

```
1 1 1 1 3
```

```
Input invalido :(
```

```
→ Maze git:(master) x ./a.out
```

```
M: 1
```

```
N: 1
```

```
1
```

```
Input invalido :(
```

```
→ Maze git:(master) x ./a.out
```

```
M: 3
```

```
N: 3
```

```
1 1 2
```

```
1 1 1
```

```
1 1 1
```

```
Input invalido :(
```