which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 2 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 2 which cave next you are in board 0 which cave next you are in board 2 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 1 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 1 which cave next you are in board 2 which cave next you are in board 2 which cave next you are in board 1 which cave next you are in board 2 which cave next you are in board 2 which cave next you are in board 2 which cave next you are in board 0 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 2 which cave next

you are in board 0 which cave next you are in board 1 which cave next you are in board 2 which cave next you are in board 2 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 0 which cave next you are in board 2 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 0 which cave next you are in board 1 which cave next you are in board 2 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 1 which cave next you are in board 2 which cave next you are in board 1 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 1

which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 2 which cave next you are in board 1 which cave next you are in board 0 which cave next you are in board 2 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 2 which cave next you are in board 2 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 2 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 2 which cave next you are in board 1 which cave next you are in board 2 which cave next you are in board 2 which cave next you are in board 1 which cave next

you are in board 0 which cave next you are in board 2 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 0 which cave next you are in board 1 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 2 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 2 which cave next you are in board 1 which cave next you are in board 0 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 2 which cave next you are in board 2 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 0 which cave next you are in board 1 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 2 which cave next you are in board 2 which cave next you are in board 1

which cave next you are in board 1 which cave next you are in board 0 which cave next you are in board 1 which cave next you are in board 2 which cave next you are in board 2 which cave next you are in board 2 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 2 which cave next you are in board 2 which cave next you are in board 1 which cave next you are in board 0 which cave next you are in board 1 which cave next you are in board 2 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 0 which cave next you are in board 2 which cave next you are in board 1 which cave next you are in board 0 which cave next you are in board 2 which cave next you are in board 2 which cave next you are in board 0 which cave next you are in board 2 which cave next you are in board 1 which cave next you are in board 2 which cave next you are in board 2 which cave next

you are in board 1 which cave next you are in board 1 which cave next you are in board 1 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 2 which cave next you are in board 2 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 1 which cave next you are in board 2 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 2 which cave next you are in board 0 which cave next you are in board 2 which cave next you are in board 0 which cave next you are in board 1 which cave next you are in board 2 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 0 which cave next you are in board 1 which cave next you are in board 0

```
which cave next
 you are in board 0
which cave next
you are in board 1
which cave next
you are in board 0
which cave next
you are in board 0
which cave next
 you are in board 2
which cave next
 you are in board 1
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you are in board 2
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 you are in board 0
which cave next
 you are in board 1
which cave next
 you are in board 2
which cave next
 you are in board 0
which cave next
 you are in board 0
which cave next
 you are in board Traceback (most recent call last):
  File "<ipython-input-3-ddeebddac789>", line 1, in <module>
    runfile('C:/Users/Micky/Documents/Micky Kumar/School/reinforcement/Assignment 2/
wumpusworld.py', wdir='C:/Users/Micky/Documents/Micky Kumar/School/reinforcement/Assignment
  File "C:\Users\Micky\Anaconda3\lib\site-packages\spyder kernels\customize
\spydercustomize.py", line 827, in runfile
    execfile(filename, namespace)
  File "C:\Users\Micky\Anaconda3\lib\site-packages\spyder kernels\customize
\spydercustomize.py", line 110, in execfile
    exec(compile(f.read(), filename, 'exec'), namespace)
  File "C:/Users/Micky/Documents/Micky Kumar/School/reinforcement/Assignment 2/
wumpusworld.py", line 95, in <module>
    main()
  File "C:/Users/Micky/Documents/Micky Kumar/School/reinforcement/Assignment 2/
wumpusworld.py", line 27, in main
    print(" you are in board", agent_location)
  File "C:\Users\Micky\Anaconda3\lib\site-packages\ipykernel\iostream.py", line 402, in
```

```
write
    self.pub thread.schedule(lambda : self. buffer.write(string))
  File "C:\Users\Micky\Anaconda3\lib\site-packages\ipykernel\iostream.py", line 205, in
schedule
    self. event pipe.send(b'')
  File "C:\Users\Micky\Anaconda3\lib\site-packages\zmq\sugar\socket.py", line 400, in send
    return super(Socket, self).send(data, flags=flags, copy=copy, track=track)
  File "zmq/backend/cython/socket.pyx", line 728, in zmq.backend.cython.socket.Socket.send
  File "zmq/backend/cython/socket.pyx", line 775, in zmq.backend.cython.socket.Socket.send
  File "zmq/backend/cython/socket.pyx", line 242, in zmq.backend.cython.socket._send_copy
  File "zmq/backend/cython/checkrc.pxd", line 12, in zmq.backend.cython.checkrc. check rc
KeyboardInterrupt
In [4]:
In [4]: runfile('C:/Users/Micky/Documents/Micky Kumar/School/reinforcement/Assignment 2/
wumpusworld.py', wdir='C:/Users/Micky/Documents/Micky Kumar/School/reinforcement/Assignment
2')
Reloaded modules: Performancemeasure, board, agent, BeelineAgent, action, shortpath,
Beelinestate
[][][][]
[][][][]
None
{1: {1: 0, 2: 1, 3: 1, 4: 1}, 2: {2: 0, 1: 1, 4: 1, 3: 2}, 3: {3: 0, 1: 1, 4: 1, 2: 2}, 4:
{4: 0, 1: 1, 2: 1, 3: 1}}
welcome to wumpas world
Created by Micky Kumar
You can see 3 board
To Play, just type the number
of the cave you wish to enter next
you are in board 1
which cave next
you are in board 0
I received a Stench. A wumpus is close by
which cave next
you are in board 2
I received a Stench. A wumpus is close by
which cave next
you are in board 2
I received a Stench. A wumpus is close by
which cave next
990
you killed the wumpus
you are in board 1
which cave next
you are in board 0
I received a Stench. A wumpus is close by
which cave next
you are in board 0
I received a Stench. A wumpus is close by
```

```
which cave next
you are in board 0
I received a Stench. A wumpus is close by
which cave next
you are in board 2
I received a Stench. A wumpus is close by
which cave next
you are in board 0
I received a Stench. A wumpus is close by
which cave next
990
you killed the wumpus
you are in board 1
which cave next
you are in board 2
I received a Stench. A wumpus is close by
which cave next
990
you killed the wumpus
you are in board 1
which cave next
you are in board 0
I received a Stench. A wumpus is close by
which cave next
you are in board 2
I received a Stench. A wumpus is close by
which cave next
you are in board 2
I received a Stench. A wumpus is close by
which cave next
you are in board 2
I received a Stench. A wumpus is close by
which cave next
you are in board 2
I received a Stench. A wumpus is close by
which cave next
0.0
You got eaten by a wumpus
```

## In [5]: