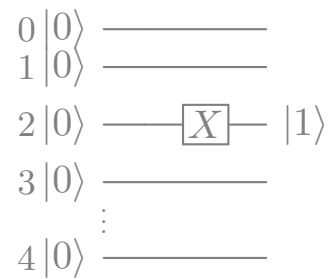


Quantum circuit



Python

Board

```
board = [None]*32
board[2] = {
    'color' : red,
    'probability' : 1,
    'pawn' : 1
}
```

Quantum

```
qreg-q = QuantumRegister(10, 'q')
creg-c = ClassicalRegister(10, 'c')
circuit = QuantumCircuit(qreg-q, creg-c)

circuit.h(qreg-q[2])
```