```
In [1]: from qiskit import *
         import matplotlib.pyplot as plt
         import numpy as np
 In [2]: oracle = QuantumCircuit(2, name='Oracle')
         oracle.cz(0,1)
         oracle.to gate()
         oracle.draw()
Out[2]: q_0: -
        q 1: -■-
 In [5]: backend = Aer.get backend('statevector simulator')
         grover circ=QuantumCircuit(2,2)
         grover_circ.h([0,1])
         grover_circ.append(oracle,[0,1])
         grover circ.draw()
Out[5]: q_0:
                Η
                       Oracle
         q_{1}:
         c: 2/=
 In [7]: reflection = QuantumCircuit(2, name="Reflection")
         reflection.h([0,1])
         reflection.z([0,1])
         reflection.cz(0,1)
         reflection.h([0,1])
         reflection.to gate()
         Instruction(name='Reflection', num qubits=2, num clbits=0, params=[])
 Out[7]:
         reflection.draw()
 In [9]:
 Out[9]:
        q 0:
                Η
                      Ζ
                              Η
         q_{-}1:
                      Ζ
                Н
                               Н
 In [8]: backend = Aer.get backend('statevector simulator')
         grover circ.append(reflection, [0,1])
         grover circ.draw()
Out[8]: q_0:
                       Oracle
                                   Reflection
         q 1:
         c: 2/=
In [11]: grover_circ.measure([0,1],[0,1])
```