CNOT circuit

Represent the following circuit expressed using the Qiskit notation in Quirk (https://algassert.com/quirk) and answer the questions in this form.

from qiskit import QuantumRegister, ClassicalRegister, QuantumCircuit

qreg_q = QuantumRegister(3, 'q')
creg_c = ClassicalRegister(3, 'c')
circuit = QuantumCircuit(qreg_q, creg_c)

circuit.h(qreg_q[0])
circuit.h(qreg_q[1])
circuit.h(qreg_q[2])
circuit.z(qreg_q[2])
circuit.y(qreg_q[0])
circuit.cx(qreg_q[0], qreg_q[1])
circuit.measure(qreg_q[2], creg_c[2])
circuit.measure(qreg_q[1], creg_c[1])

* Indica que la pregunta es obligatoria

1.   Enter your experimental ID *

_____

2.   Which is the percentage value of mag^2 for the state 0 (decimal)? (e.g., 32.7) *

_____

3.   Which is the percentage value of mag^2 for the state 1 (decimal)? (e.g., 32.7) *

_____

4.   Which is the percentage value of mag^2 for the state 2 (decimal)? (e.g., 32.7) *

_____

5.   Which is the percentage value of mag^2 for the state 3 (decimal)? (e.g., 32.7) *

_____

6.   Which is the percentage value of mag^2 for the state 4 (decimal)>? (e.g., 32.7) *

_____

7.   Which is the percentage value of mag^2 for the state 5 (decimal)>? (e.g., 32.7) *

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8.   Which is the percentage value of mag^2 for the state 6 (decimal)>? (e.g., 32.7) *

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9.   Which is the percentage value of mag^2 for the state 7 (decimal)? (e.g., 32.7) *

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10.   Copy the code of the circuit created (Export button, then 'Copy to   *
       clipboard' under 'Escaped Link')

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