CH 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(7, 'q')
creg_c = ClassicalRegister(4, 'c')
circuit = QuantumCircuit(qreg_q, creg_c)

circuit.h(qreg_q[6])
circuit.cx(qreg_q[1], qreg_q[5])
circuit.ch(qreg_q[6], qreg_q[3])
circuit.ch(qreg_q[3], qreg_q[0])
circuit.cy(qreg_q[5], qreg_q[6])
circuit.cy(qreg_q[6], qreg_q[0])
circuit.swap(qreg_q[0], qreg_q[3])
circuit.cs(qreg_q[1], qreg_q[3])
circuit.cz(qreg_q[6], qreg_q[3])
circuit.cx(qreg_q[3], qreg_q[6])
circuit.swap(qreg_q[3], qreg_q[6])
circuit.cs(qreg_q[0], qreg_q[3])
circuit.ch(qreg_q[5], qreg_q[3])
circuit.cz(qreg_q[0], qreg_q[4])
circuit.ch(qreg_q[3], qreg_q[2])
circuit.measure(qreg_q[6], creg_c[3])
circuit.measure(qreg_q[2], creg_c[2])
```

* 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 9 (decimal)? (e.g., 32.7) *

4. Which is the percentage value of mag^2 for the state 13 (decimal)>? (e.g., 32.7) *

5. Which is the percentage value of mag^2 for the state 42 (decimal)>? (e.g., 32.7) *

6. Which is the percentage value of mag^2 for the state 64 (decimal)? (e.g., 32.7) *

7. Which is the percentage value of mag^2 for the state 65 (decimal)? (e.g., 32.7) *

8. Which is the percentage value of mag^2 for the state 89 (decimal)? (e.g., 32.7) *

9. Which is the percentage value of mag^2 for the state 116 (decimal)? (e.g., 32.7) *

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

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