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<pre>from cirq.contrib.svg import SV Number of qubits n = 5 create a circuit with n qubits qr = cirq.LineQubit.range(n)</pre>	
<pre>circuit = cirq.Circuit() Apply hadamard gate on each circuit.append(cirq.H.on_each(* Apply cnot gates on (0, 1), for i in range(4):</pre>	qr))
circuit.append(cirq.CNOT(qr Apply swap on (0,4) circuit.append(cirq.SWAP(qr[0], Randomly chose a qubit for index = np.random.randint(n)	qr[4]))
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