Preparing a Bell Pair

- **Specifications.** Implement a circuit to correctly prepare a Bell pair.

- **Description.** On the first day, we saw that entanglement allows for spooky action at a distance! 👻 Remember that if two qubits are entangled and we measure one, we can know the state of the other, even if we take them very far apart. This connection between entangled qubits is the building block for a "quantum internet" and our quantum bike sharing system. In this activity, you will use what you learned in class to prepare an entangled Bell pair.

- **Submission.** A screenshot of the circuit and the Quirk file.