- $|\psi\rangle = |0\rangle$
- $|\psi\rangle = |1\rangle$
- $|\psi\rangle = |0\rangle + |1\rangle$
- $|\psi\rangle = \frac{1}{\sqrt{2}}\Big(\,|0\rangle + |1\rangle\,\Big)$
- $|\psi\rangle = a\,|0\rangle + b\,|1\rangle$