



$|\psi_1\rangle$ Load data using Deutsch-Jozsa algorithm;

$|\psi_2\rangle$ First neuron multiplication;
 $|\psi_3\rangle$ Second neuron multiplication;
 $|\psi_4\rangle$ Last neuron multiplication;
 $|\psi_5\rangle$ Reverse operations;
 $|\psi_6\rangle$ Unload data using Deutsch-Jozsa to read results;