

# Exercise Set 5

Sep 27th 2022

Quantum Computer Programming - 2022-II

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Exercises from [Asfaw19] 1.4 Single Qubit Gates:

1. Exercises 2.2 Multiple Qubits and Entangled States
  - (a) 1.2 Quick Exercises
  - (b) 2.1 Quick Exercises
  - (c) 3.4 Exercise
2. Exercises 2.3 Phase Kickback
  - (a) Quick Exercise

## References

- [Asfaw19] Abraham Asfaw et al., Learn Quantum Computation Using Qiskit. Qiskit Development Team. 2019