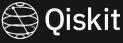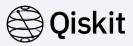# Issues in qiskit-alt: A Julia backend for Qiskit #16

Mentor: Jim Garrison and John Lapeyre

Mentee: Mozammil Hassan

Qiskit

The central point is qiskit-alt! What is it?

- This is a Python Package.

- The backend is implemented in Julia

- Its Python (front-end) with Julia (backend)

- Julia is installed automatically.

- Used in high performance features for Qiskit.

- More information can be found here:
  https://github.com/Qiskit-Extensions/qiskit-alt

- I spend most of my time here:
  https://github.com/Qiskit-Extensions/qiskit-alt/issues

Deliverables

"Open a pull request that closes an issue and work through getting it merged. Alternatively, start by opening a new issue; for instance as a sub-issue of a more open ended one."

My current status and future plans

- Fixed a simple issue:
  https://github.com/Qiskit-Extensions/QuantumOpsDemos/pull/2

- Opened an issue:
  https://github.com/Qiskit-Extensions/qiskit-alt/issues/21

- Fixed issue:
  https://github.com/jlapeyre/find_julia/pull/3

Thank you!