Post Lab

Question 4.1)

- Stabilize
 - This flight mode automatically levels both the roll and pitch to allow the quadcopter to stay flat relative to the horizontal axis.
- Alt Hold
 - This flight mode is similar to the stabilize flight mode, but it also locks the altitude, so the quadcopter doesn't move up or down.
- Loiter
 - This flight mode locks the altitude and position and uses the GPS to send movements/coordinates to the quadcopter for movement.

Question 4.2)

• GPS are not reliable indoors due to the fact that the signals being transmitted from the satellite to the GPS device are scattered or interrupted easily by rooftops and walls.

Question 4.3)

• Alt Hold would be feasible indoors and the safest indoors because unlike stabilize, the altitude is held the same and the quadcopters pitch and roll are stabilized.

Question 4.4)

• The duty cycle is 25%

