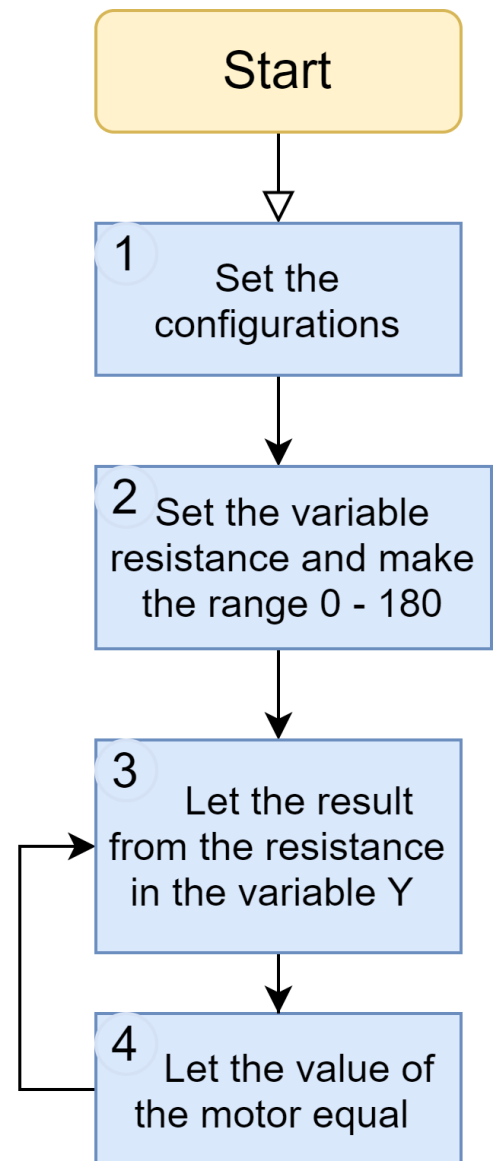


Algorithms for Task 9 (Feed Back System)

Explaining the blocks:

1. First I defined three variables for this project. X, Y and M1. The variable X for the variable resistance (R1), Y is where to save the result of the variable resistance. M1 for the Servo motor (M1).
2. Now I need to make the range of the variable resistance similar to the Servo motor. I used the command (Map) to change the range from 0-1023 to 0-180.
3. The user will determine the value of the variable resistance and the value will be saved in variable Y.
4. The Servo motor will ably the angle of Y.



Note: every time the user changes the value of the variable resistance, the angle of the motor will change to the same value.