

[Click here to review documentation about the VeX Servo Module.](#)

1. Set the servo to 0 degrees.
 - a. Wait one (1) second;
 - b. Set the servo to 90 degrees;
 - c. Wait one (1) second;
 - d. Set the servo to 120 degrees;
 - e. Wait one (1) second;
 - f. Turn on the LED for three (3) seconds;
 - g. Turn off the LED;
 - h. Set the servo to 0 degrees;
 - i. End the program.

2. Program the servo to wave back and forth ten times varying each stroke a minimum of ten degrees. (For example, you can have the servo wave from 0 to 120 degrees, then from 120 to 10 and back to 110, etc.)
 - a. Flash the LED three (3) times for half (.5) a second each time with a one (1) second delay between each flash.
 - b. Turn on the flashlight to full brightness for three (3) seconds;
 - c. Turn the flashlight down to half (.5) brightness for two (2) seconds;
 - d. Turn the flashlight down to quarter (.25) brightness for one (1) second;
 - e. Turn off the flashlight;
 - f. End the program.